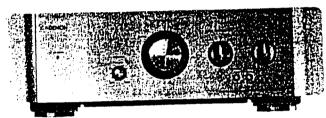
# DENON

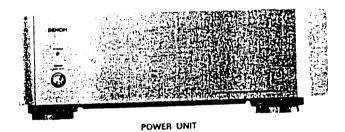
Hi-Fi Pre Amplifier

# SERVICE MANUAL MODEL PRA-S1

PRE AMPLIFIER



CONTROL UNIT

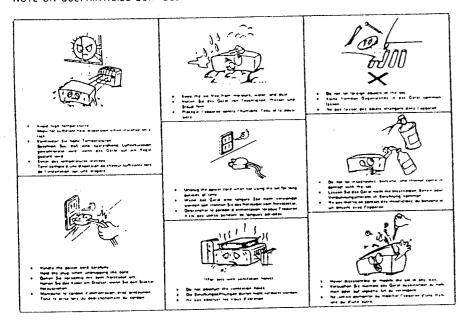


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NIPPON COLUMBIA CO., LTD.

# NOTE ON USE/HINWEISE ZUM GEBRAUCH/OBSERVATIONS RELATIVES A L'UTILISATION



# 1 FEATURES

# (1) Newly developed power circuit

- A separate power supply is used to eliminate any adverse influence from the power supply section.
- A pure power generator makes it possible to vary the power frequency, providing music reproduction with a high density unachievable on 50/60Hz AC lines.

# (2) Balanced type rheostat mode attenuators

- Newly developed balanced type rheostat mode attenuators achieved thanks to the increased performance of the electronic circuitry are used for the controls. These attenuators are the major factors for improving sound quality. In actual use, they improve the S/N ratio and keep deterioration of the sound quality due to the controls to a minimum.
- The attenuators consist of a contact switching type switch and a high sound quality carbon resistor, and achieve far better sound quality than conventional attenuators.

# (3) New Inverted I belanced circuit and high precision belanced flat emplifier

- A new inverted Σ balanced circuit which makes it possible to accept both balanced and unbalanced inputs is used, eliminating the need for a converter amplifier and providing simple, pure signal transfer.
- A high precision balanced flat amplifier which improves the common mode noise elimination capacity (the greatest advantage of balanced signal transfer) is used, eliminating the need for a converter amplifier from both the balanced and unbalanced outputs.

# (4) Cast aluminum chassis base.

A non-magnetic chassis base reducing mutual interference due to vibrations is used to protect the music signals against such external influences as vibrations and magnetic forces.

# Balanced type rheostat mode attenuator --

The dividing mode attenuators now used in audio devices have the property that the thermal agitation noise generated by the attenuator is maximum at the position at which the signal level is cut in half. Because of this, when actually listening to music, more thermal agitation noise is mixed in with the music signals than when the attenuator is at the maximum position.

The rheostat mode attenuator has the property that the thermal agitation noise decreases linearly as the attenuator is turned down from the maximum position, thereby achieving an S/N ratio better than indicated in the catalog specifications when actually listening to music.

The PRA-S1 uses fully balanced type rheostat mode attenuators, eliminating the influence of the signal ground and keeping the balanced transfer error in the attenuators extremely low.

# 2 NAMES AND FUNCTIONS OF PARTS (Refer to page 6, 7)

POWER switch

When set to the ON ( - ) position, the power turns on and the muting circuit is activated for several seconds.

When set to the OFF ( \* ) position, the power turns off.

POWER Indicator

This indicates the set's operating status.
The indicator turns green after the power turns on.

DC OUTPUT terminals

These are the power output terminals for the control unit.

Connect the included DC power cords between these terminals and the DC INPUT terminals (a) on the control unit.

@ FREQUENCY SELECTOR

Use this to select the frequency of the power unit's oscillator.

Use a flat screwdriver to change the selector's position.

Be sure to turn the power off before switching the frequency.

- . 100Hz ..... Oscillator oscillates at 100Hz.
- . 150Hz ..... Oscillator oscillates at 150Hz.
- 200Hz ..... Oscillator oscillates at 200Hz.
- 250Hz ..... Oscillator oscillates at 250Hz.
- 300Hz ..... Oscillator oscillates at 300Hz.
- AC INPUT terminal

Connect the included AC Power cords to this terminal.

### NOTE: -

 Changing the FREQUENCY SELECTOR's position when the power is on ( - ) may damage the unit. Be sure to turn the power off first.

### @ POWER indicator

This indicates the set's operating status. The indicator flashes green for several seconds when the power is turned on and when the position of the EQ POWER switch ① is changed, indicating that the muting circuit is

changed, indicating that the muting circuit is activated. In the normal operating mode, the indicator is green when it is set to the ON ( ~ ) position.

Also, if the protective circuit is activated (due to DC output abnormal temperature rise, etc.), the indicator flashes and the output is interrupted. If this happens, turn the power off immediately, then check the connections, etc.

### BALANCE control

Use this to adjust the balance between the left and right speakers. When set to the center position, the amplification is the same for the left and right speakers.

If there seems to be a difference in the output voltage of the input component for the left and right channels, turn this control clockwise ( \( \chick\)) to increase the volume of the right channel, counterclockwise ( \( \chi\)) to increase the volume of the left channel. (The control can be set to 11 positions, including the central position.)

### ATTENUATOR

Use this to adjust the volume.

Turn clockwise ( \cap ) to increase the volume, counterclockwise ( \cap ) to decrease it.

# REC OUT SELECTOR (recording output selector) Use this to select the output source for recording onto a tape deck, etc.

• SOURCE

Set to this position when recording. The recording output is the source selected with the INPUT SELECTOR **(D)**.

• OFF

In this position, the recording output is turned off. For higher quality playback sound, we recommend keeping the selector at this position when not recording.

• TAPE-1 ▶ 2

Use this position when making copies of tapes using two tape decks. The input signal from the deck connected to the TAPE-1 input jacks is fed to the TAPE-2 REC OUT jacks, regardless of the position of the INPUT SELECTOR ®.

• TAPE-2 ▶ 1

Use this position when making copies of tapes using two tape decks. The input signal from the deck connected to the TAPE-2 input jacks is fed to the TAPE-1 REC OUT jacks, regardless of the position of the INPUT SELECTOR ®.

M SUBSONIC switch

Set this switch to the ON ( \_\_\_) position when playing records to prevent subsonic speaker vibration due to vibration of the record player's motor or vibration caused by warping of the record.

D EQ POWER switch

higher sound quality.

(phono equalizer power switch)
When set to the ON ( - ) position, the power of the phono equalizer circuit turns on, and when set to the OFF ( m.) position, the power of the phono equalizer circuit turns off.
When this switch is operated, the muting circuit is activated for several seconds and the pre-out signals are set to the ground level.
Set this switch to the ON ( - ) position when playing records (analog discs). (Also set the INPUT SELECTOR ® to the PHONO position.) For sources other than records, we recommend setting this switch to the OFF ( m.) position for

### (P) INPUT SELECTOR

Use this to select the playback source.

PHONO

Set to this position to play the turntable connected to the PHONO jacks on the rear panel. Also set the EO POWER switch ① to the ON ( ~ ) position.

The PRA-S1's PHONO input is for MM cartridges. When using an MC cartridge, input the signals via an MC cartridge step-up transformer, etc.

• TUNER

Set to this position to play the AM/FM tuner connected to the TUNER jacks on the rear panel.

• CD

Set to this position to play the CD player connected to the CD jacks on the rear panel.

. BALANCED-1

Set to this position when playing a CD player equipped with a balanced output terminal and connected to the BALANCE-1 terminal on the rear panel.

. BALANCED-2

Set to this position when playing a CD player equipped with a balanced output terminal and connected to the BALANCE-2 terminal on the rear panel.

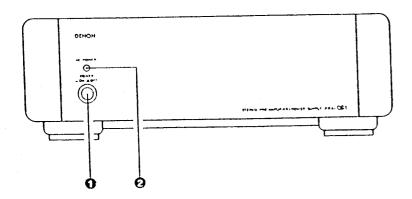
. TAPE-1

Set to this position to play the tape deck connected to the TAPE 1 jacks on the rear panel.

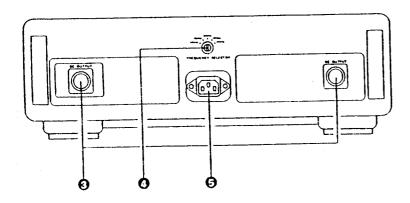
. TAPE-2

Set to this position to play the tape deck connected to the TAPE-2 jacks on the rear panel.

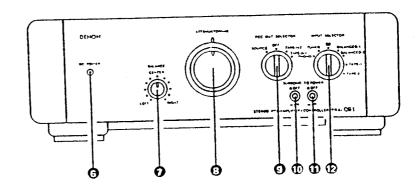
POWER UNIT FRONT PANEL FRONTPLATTE DES NETZGERÄTES PANNEAU AVANT DE L'UNITÉ D'ALIMENTATION



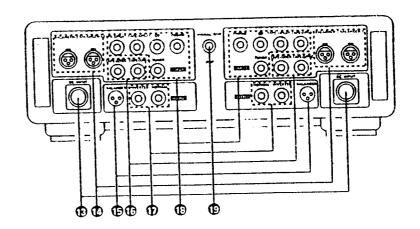
POWER UNIT REAR PANEL RÜCKSEITE DES NETZGERÄTES PANNEAU ARRIERE DE L'UNITÉ D'ALIMENTATION



CONTROL UNIT FRONT PANEL STEUEREINHEIT FRONTPLATTE UNITÉ DE COMMANDE PANNEAU AVANT



CONTROL UNIT REAR PANEL STEUFREINHEIT RÜCKWAND UNITÉ DE COMMANDE PANNEAU ARRIERE



### D DC INPUT terminals

These are the power input terminals for the control unit.

Connect the included DC power cords between these terminals and the DC OUTPUT terminals O on the power unit.

### BALANCED INPUT terminals

These are cannon input terminals for connecting a CD player or other playback component equipped with balanced outputs.

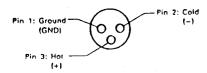
The polarities of the pins are as follows:



# (B) BALANCED OUTPUT terminals

These are cannon output terminals for connecting power amplifier equipped with balanced inputs.

The polarities of the pins are as follows:



(B) REC OUT (recording output) Jacks These are recording output jacks for connection to tape decks.

# PRE OUT terminals

Connect the power amplifier here.

• NORMAL (normal phase output) The same signals as the signals from BA-LANCE OUTPUT terminal pin 3 (hot) are output from this terminal.

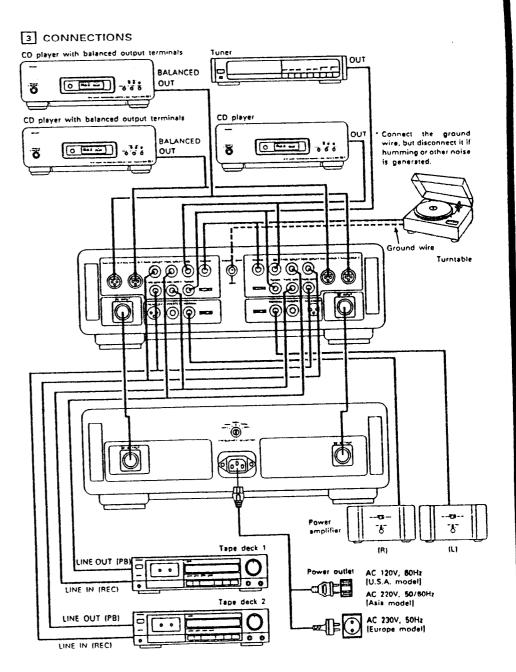
### . INVERTED

The same signals as the signals from BA-LANCE OUTPUT terminal pin 2 (cold) are output from this terminal.

### (E) INPUTS jacks

These are input jacks for CD players, turntables, AM/FM tuners, tape decks or other playback components.

(D) GND (ground) terminal Connect the turntable's ground wire here.



### Cautions on Connections

- . Do not plug in the power cord until all connections are completed.
- Be, sure to connect the left and right channels
- . Insert the plugs securely, incomplete connections can result in noise.
- The PHONO input jacks have an extremely high sensitivity, so avoid turning up the volume when no pin plug cords are connected. Doing so may result in induction humming (booming) from the speakers. When pin plug cords are not connected, insert the included short-circuit pin plug.
- · Be sure to connect the connection cords between the control unit and power unit properly, L (left) to L, R (right) to R. If either or both the sides are connected incorrectly, the protective circuit is activated and the power cannot be turned on.

### Protective circuit

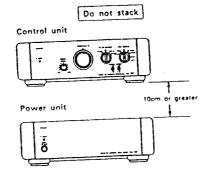
. The PRA-S1 is equipped with a high-speed protective circuit.

The protective circuit sets the output to the ground level if there is a problem with the set to protect the internal circuitry and the connected equipment.

If the protective circuit is activated, turn off the power, check the connections, then turn the power back on. The set will operate normally in a few seconds after the muting circuit turns off.

# Cautions on Installation

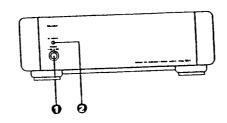
. To allow for heat discharge, do not stack the control unit directly on top of the power unit or vice versa. Leave a space of at least 10 cm between them.

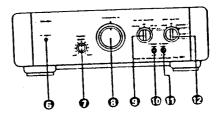


- . When installing in a rack, be sure the shelf is sufficiently thick and strong enough to support the set's weight.
- . When connecting using the balanced input and output terminals, check that the polarity of the other unit is the same as the PRA-S1's.

# 4 OPERATIONS

- Make sure that all connections are proper.
- ullet Turn the VOLUME control ullet fully counterclockwise (  $\Omega$  ) to the minimum position.
- Set the BALANCE control 0 to the center position.
- Set the POWER switch () to the ON ( ) position.





### Playing records

- 1. Set the INPUT SELECTOR 10 to the PHONO
- 2. Set the EQ POWER switch ( to the ON ( ) position.
- 3. Set the record on the turntable and start play-
- 4. Adjust the VOLUME () and BALANCE () controls to the desired levels.

### Playing CDs

(when the CD player is connected to the CD jacks)

- 1. Set the INPUT SELECTOR @ to the CD position.
- 2. Set the CD in the CD player and start playback.
- 3. Adjust the VOLUME () and BALANCE () controls to the desired levels.

# Listening to the radio on the tuner (when the tuner is connected to the TUNER Jacks)

- 1. Set the INPUT SELECTOR (1) to the TUNER
- 2. Tune the radio to the desired station.
- 3. Adjust the VOLUME () and BALANCE () controls to the desired levels.

# Playing a component connected to a balanced input terminal

- 1. Set the INPUT SELECTOR ® to the "BALANCED-1" or "BALANCED-2" position.
- 2. Begin playback on the component connected to the balanced input terminal.
- 3. Adjust the VOLUME () and to BALANCE () controls to the the desired levels.

# Playing a tape deck

- 1. Set the INPUT SELECTOR ® to the TAPE-1 or TAPE-2 position.
- 2. Set the tape in the tape deck and start playback.
- 3. Adjust the VOLUME () and BALANCE () controls to the desired levels.

# Copying tapes

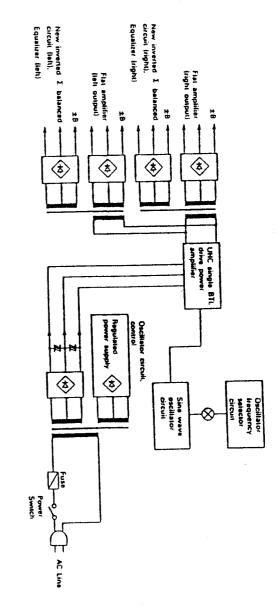
(Refer to the tape decks' instructions.)

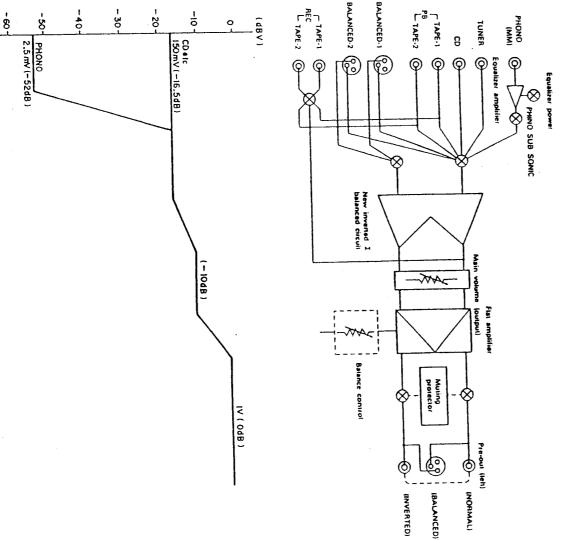
- 1. Select the tape deck using the REC OUT SELEC-
  - To record from the deck connected to the TAPE-1 jacks, set to the TAPE-1 > 2 position.
  - . To record from the deck connected to the TAPE-2 jacks, set to the TAPE-2 1 position.
- 2. Set the tape deck onto which you want to record to the recording mode.
- 3. Set the tape deck from which you want copy to the play mode.

### Recording onto a tape deck (other than for copying tapes)

- 1. Select the source to be recorded using the INPUT SELECTOR 10.
- 2. Set the REC OUT SELECTOR © to the SOURCE
- 3. Set the tape deck onto which you want to record to the recording mode. (Refer to the tape deck's instructions.)
- 4. Play the source to be recorded.

# 5 BLOCK DIAGRAM





Rated output:

NORMAL, INVERTED

: 2 V : 2.5 mV/47 kΩ/ohm

PHONO (MM) Input sensitivity/impedance:

CD, TUNER, TAPE-1, TAPE-2

BALANCED-1, BALANCED-2

RIAA deviation:

PHONO

BALANCED

: 20Hz to 20kHz, ±0.3d8

Total harmonic distortion rate: 0.005% or less

PHONO (MM) S/N ratio (A network):

: 91 dB

:1 V

(input terminals short-circuited,

5 mV input signal)

: 150 mV/47 kΩ/ohm

: 150 mV/100 kΩ /ohm

CD. TUNER, TAPE-1, TAPE-2

: 108 dB

(input terminals short-circuited)

Maximum external dimensions: 434 (W) imes 145 (H) imes 443 (D) mm

17-3/32" × 5-45/64" × 17-5/64"

(including feet, controls and jacks)

Weight:

17.4 kg (38 lbs 7 oz)

質 Power (power generator) unit

Power supply:

Weight:

[U.S.A. model] AC 120 V, 60 Hz

AC 220 V, 50/60Hz AC 230 V, 50 Hz

[Asia model] (Europe model)

Power consumption:

120 W

[U.S.A. model]

110 W

(Asia & Europe model)

Maximum external dimensions: 434 (W) × 145 (H) × 426 (D) mm

17-3/32" × 5-45/64" × 16-49/64"

(including feet, controls and jacks)

24.8 kg (54 lbs 12 oz)

# 7 TROUBLESHOOTING

Check the following before assuming there is a problem with the set.

1. Are all connections proper?

2. Is the set being operated as described in the operating instructions?

3. Are the power amplifier and input components being operated properly?

If the set does not seem to be operating properly, check the points fisted below. If these points do not apply, the set may be damaged. Turn off the power immediately and contact your store of purchase.

Т	Symptom	Cause	Measurns
	Power indicator does not light and no sound is produced when POWER switch is turned on.	Power cord is not plugged into outlet.     Power cord is not plugged into AC intet.	Check that the cord is plugged in.     Check that the cord is plugged in.
	Power indicator lights but no sound is produced.	Incomplete connections to power amplifier.     INPUT SELECTOR nat set to proper position.     VOLUME control turned down.	Connect securely.  Set to the proper position.  Set to an appropriate level.
FM broadcasts.	Sound is not produced from one side only.	Incomplete connections to power amplifier. Input cords not properly connected. Lethright between improperly adjusted.    Content of the content of the content of the connected of the content of the co	Connect securely. Connect securely. Adjust the BALANCE control.
lapes and	Volume level is different when listening to tuner and records.	<ul> <li>Tuner and record outputs different.</li> </ul>	<ul> <li>Adjust the tuner output to the turnt- able's output (if the truer is equipped with an output control).</li> </ul>
	Positions of instruments inverted for starge sources.	Left and right power amplifier or input cords inverted.	Check the left/right connections.
Buikeld	Booming sound produced when playing records	Turntable's ground wire not connacted. Input cords not properly connected to PHONG jacks. Influence from a TV or VCR near the turntable.	Connect securely. Connect securely. Change the position of installation.
ems occurring when	Howling produced when volume is turned up white playing records.	Turntable and speaker systems are too close. Floor is soft and vibrates easily.	Move speaker systems as far away as possible.     Use cushions to absorb the vibrations transmitted from the floor to the speakers. If the turntable does no include insulators, use audio insulators, available in stores.
Problems	Sound is distorted.	Stylus pressure is too light.     Dirt on tip of stylus.     Defective cartridge.	Apply proper pressure.     Check the tip of the stylus.     Replace the cartridge.

Side Panel

# DISASSEMBLY

(To reassemble reverse disassembly)

# [CONTROL UNIT]

# 1. Outside Parts

1. Remove 12 screws (A), and then detach Top Plate and Top Grille as show as arrow.

2. Remove 4 screws (B) and detach 2 Back Foots.

3. Remove 2 screws (C) and 2 screws (F).

Detach Rear Panel.

4. Remove 6 screws (E) and 4 screws (F).

Detach Side Panel as show as arrow.

F)

Side Panel

Side Panel

Top Grille

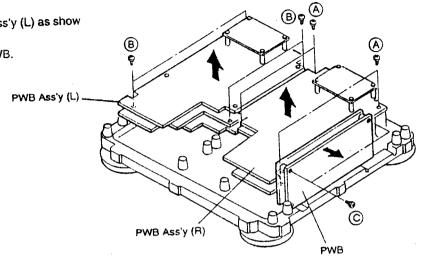
# 2. Front Panel, Rear Panel and Side Chassis

1. Remove 3 screws (A) and 2 screws (B).
Detach Front Plate as show as arrow.
2. Remove 4 screws (C), 2 screws (D) and 4 screws (E).
Detach Rear Panel as show as arrow.
3. Remove 8 screws (F), then detach Side Chassis (R) and Side Chassis (L).

Shield Plate (C)

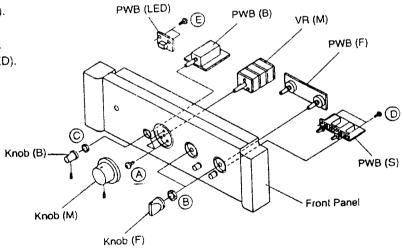
# 3. PWB Ass'y and PWB

- 1. Remove 4 screws (A) , and then detach PWB Ass'y (R) as show as arrow.
- 2. Remove 4 screws (B) , Detach PWB Ass'y (L) as show as arrow.
- 3. Remove 2 screws (C) , and detach PWB.



# 4. Each Front Panel PWB

- 1. Loosen knob (M) screw and remove knob (M). Remove 3 screws (A) and detach VR (M).
- 2. Loosen 2 knob (F) screws and remove knob (F). Remove 2 nuts (B) and detach PWB (F).
- 3. Loosen knob (B) screw and remove knob (B). Remove nut (C) and detach PWB (B).
- 4. Remove 2 screws (D) and detach PWB (S).
- 5. Remove 2 screws  $\widecheck{\mathbb{E}}$  and detach PWB (LED).



# [POWER UNIT]

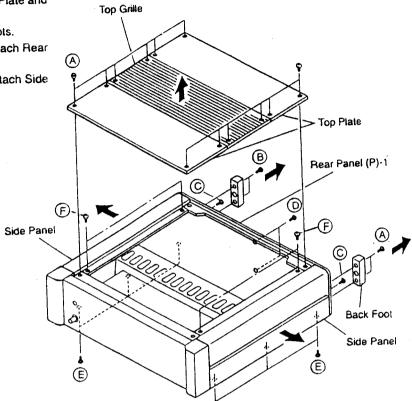
# 1. Outside Parts

 Remove 12 screws (A), and then detach Top Plate and Top Grille as show as arrow.

2. Remove 4 screws (B) and detach 2 Back Foots.

3. Remove 2 screws (and 2 screws (and 2 screws (b)). Detach Rear Panel.

4. Remove 6 screws (E) and 4 screws (F) . Detach Side Panel as show as arrow.

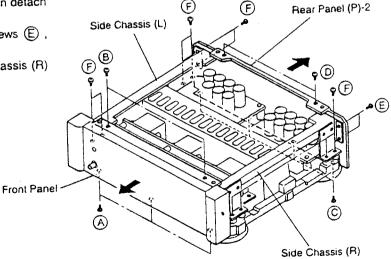


# Front Panel, Rear Panel and Side Chassis

 Remove 3 screws (A) and 2 screws (B), then detach Front Panel as show as arrow.

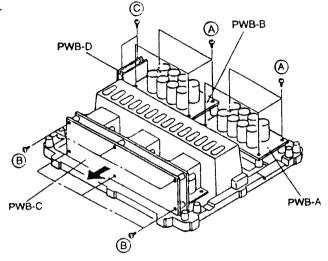
2. Remove 4 screws © , 2 screws © and 4 screws © , Detach Rear Panel as show as arrow,

3. Remove 8 screws (F), then detach Side Chassis (R) and Side Chassis (L).



# 3. PWB and Transformer

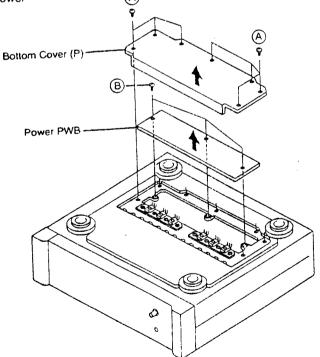
- 1. Remove 8 screws (A), then detach PWB-A and PWB-B.
- 2. Remove 6 screws (B) , and then detach PWB-C.
- 3. Remove 2 screws © , Detach PWB-D.



# 4. Power PWB

Remove 7 screws (A) , and then detach Bottom Cover (P).

2. Remove 3 screws (B) , release transistors at Power PWB with soldering iron. Detach Power PWB.



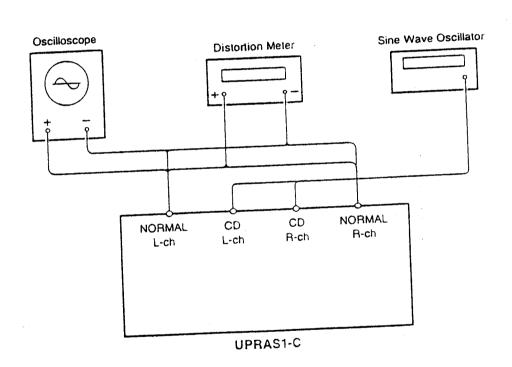
# ADJUSTMENT

# DISTORTION ADJUSTMENT

- 1. Measurement Equipment Required for Adjustment
  - Oscilloscope
  - Distortion Meter
  - Sine Wave Oscillator

- 1. Connect sine wave oscillator to CD input terminal, and input 1KHz 1Vrms signal. 2.Adjustment
  - 2. Connect oscilloscope and distortion meter to NORMAL output terminal, turn the Main Volume maximum.

  - 4. Rotate L-ch (1U-2747-1) VR301 and R-ch (1U-2748-1) VR302 so as to obtain the smallest value of distortion. 3. Turn the unit power switch ON.
  - 5. Turn the unit power switch OFF, then disconnect measurement equipment.



# POWER AMPLIFIER STAGE (POWER UNIT)

# 1. Idle Current Adjustment

Turn VR301, VR302 fully counterclockwise.

Disconnect lead connectors (CN301, CN302) and turn the power switch ON.

(\*1) Connect a DC voltmeter to Test Point (TP1) and obtain a DC voltage at the same Test Point as follows.

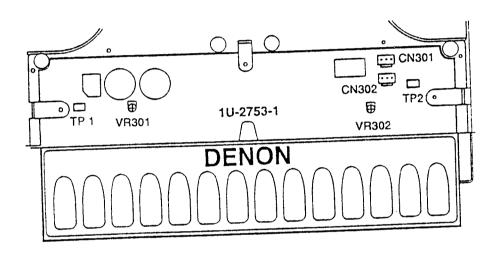
Turn VR301 clockwise and adjust the voltage to 10mV ±2mV.

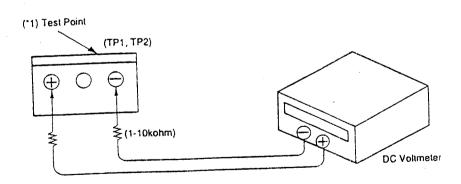
Keep warm up 5 minutes, adjust the above voltage to 10mV ±1mV.

Keep warm up 10 minutes, confirm the above voltage to 10mV ±1mV.

Adjust the voltage with VR302 the same procedure as to the above for TF2.

After ward connect lead connectors (CN301, CN302).





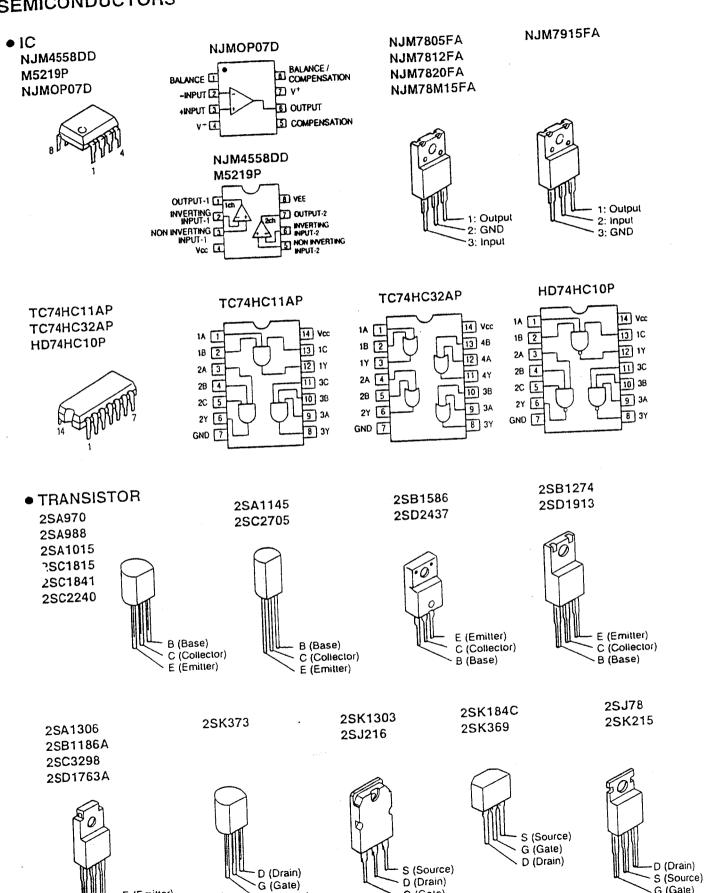
Note 1: Be sure to connect a oscillation preventive resistor (1 kohm ~ 10 kohm) on the tip of DC Voltmeter probe.

# SEMICONDUCTORS

E (Emitter)

C (Collector) B (Base)

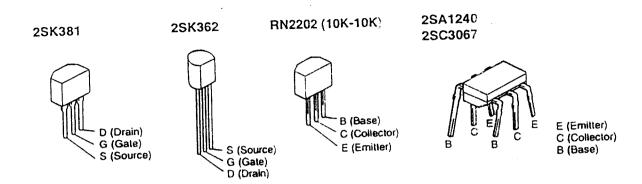
S (Source)



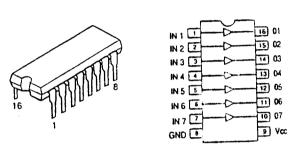
G (Gate)

G (Gate)

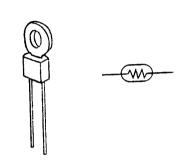
# = PRA-S1



# LB1701 (Transistor Array)

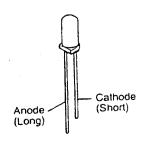


# • POSISTOR PTH9M04BD222TS2F333

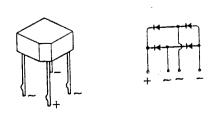


<ul><li>DIODE (I</li></ul>	Include LED)		COKOOF	1SR35-200A
HZ3A-1	HZ16-1	1SS270A	S2K20F	
HZ3B-2	HZ18-1	1S2076A		
HZ3C-1	HZ18-3		_	
HZ5B-1	HZ20L-2			11 11
HZ5C-1	HZ24-1			
HZ6C-1			<b>★</b> □	₹ ∪
HZ9C-1		<del>- 4-</del>	`	<i>ll</i>
HZ6LA-1				ال الله
	. <del>-\-</del>			~

SEL-2210E SEL-4414G (GREEN)

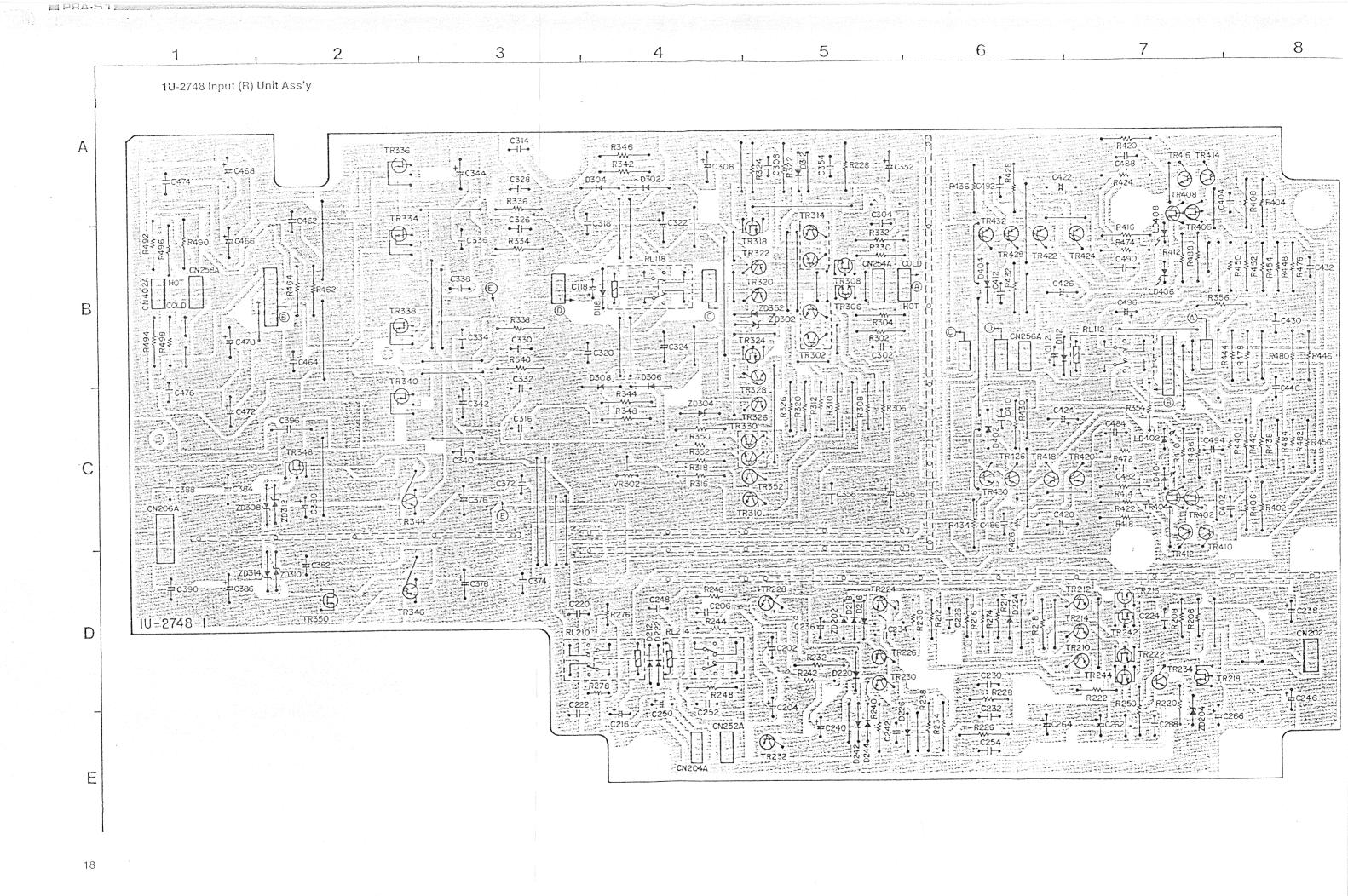


4D4B42



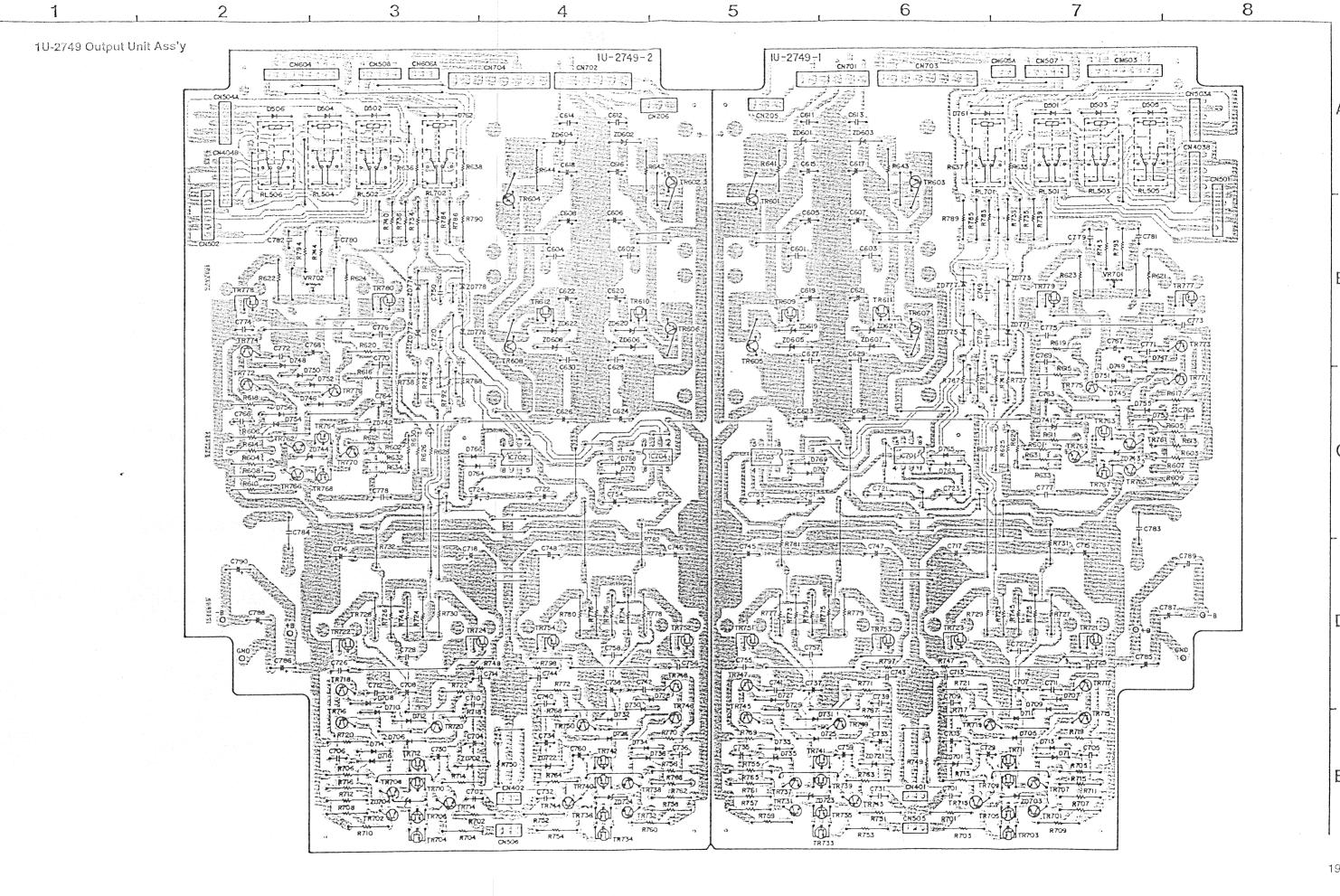
8 1U-2747 Input (L) Unit Ass'y R4I5 R473 C489 TR32I/ TR3I9 D351

PRINTED WIRING BOARD (Pattern side)

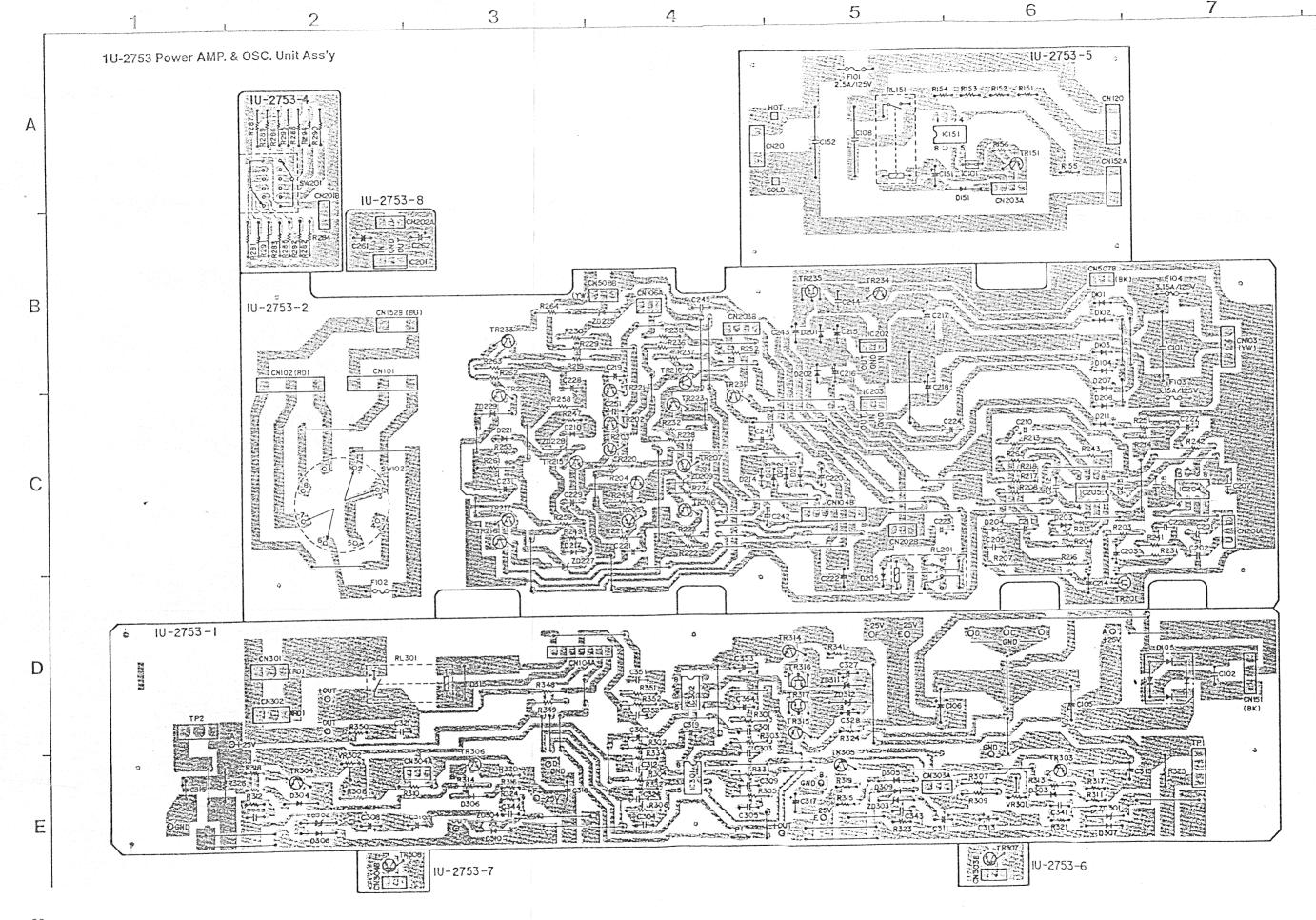


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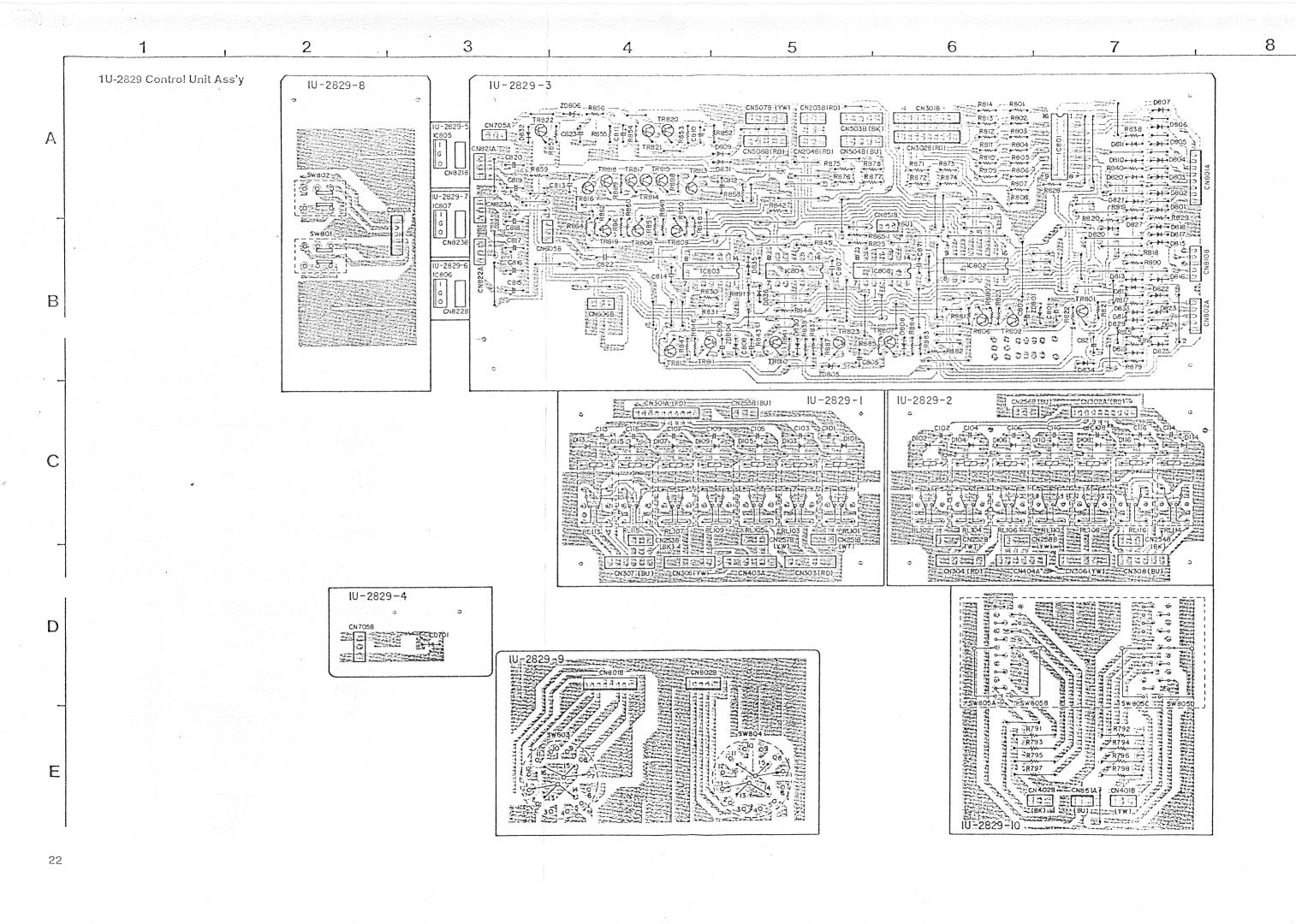


8 1U-2754 Power Supply Unit Ass'y IU-2754-I IU-2754-2 D506 H S D504 D502 CN502 R504 700. 8[9] CH305 IU-2754-3 \*C503

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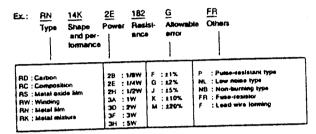
B

# NOTE FOR PARTS LIST

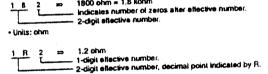
- Part indicated with the mark \* \* are not always in stock and possibly to take a long period of time for supplying, or in some case supplying of part may be refused.
- When ordering of part, clearly indicate "1" and "!" (i) to avoid mis-supplying.
- Ordering part without stating its part number can not be supplied.
- Part indicated with the mark "★" is not illustrated in the exploded view.
- Not including Carbon Film ±5%, 1/4W Type in the P.W.Board parts list. (Refer to the Schematic Diagram for those parts.)

Parts marked with this symbol 🛕 📰 have critical characteristics. Use ONLY replacement parts recommended by the manufacturer.

### Resistors



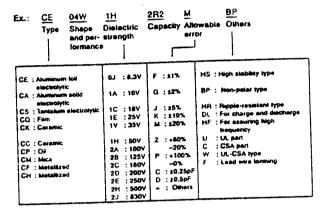
### · Resistance



1800 ohm = 1.8 kohm

• Units: ohm

# Capacitors



· Capacity (electrolyte only)

2 2 2 ⇒ 2200µF
Indicates number of zeros after effective number.
2-digit effective number.

• Units: μF.

 2.2µF
 1-digit effective number.
 2-digit effective number, decimal point indicated by R. • Units: uF.

Capacity (except electrolyte)

⇒ 2200pF = 0.0022μF 

• Units: μF.

1 0 or 1) ⇒ 220pF ,2 Indicates number of zeros after effective number. 2-digit affective number. • Units: pF.

When the dielectric strength is indicated in AC, "AC" is included after the dielectric strength value.

# PARTS LIST OF PRINTED WIRING BOARD

J-2747)I	NPUT(L) UI	NIT(Control Unit)		Ref.No	Part .No	Part Name	Remaks
ef.No	Part .No	Part Name	Remaks	TR431	273 0281 906	Transistor 2SC2705(O)(Y)TPE6	
SEMICON	DUCTORS GI	ROUP		D111	276 0049 914	Diode 1S2076ATE	
TR209	271 0094 919	Transistor 2SA970(BL)TPE2		D117	276 0049 914	Diode 1S2076ATE	
TR211	273 0281 906	Transistor 2SC2705(O)/(Y)TPE6		D211	276 0049 914	Diode 1S2076ATE	
TR213	273 0281 906	Transistor 2SC2705(O)/(Y)TPE6			276 0049 914	Diode 1S2076ATE	
TR215	275 0038 045	Transistor 2SK369(BL)/(GR)-C		D215	276 0049 914	Diode 1S2076ATE	
TR217	275 0042 905	Transistor 2SK373(Y)TPE2		D217	276 0049 914	Diode 1S2076ATE	
TR221	275 0038 045	Transistor 2SK369(BL)/(GR)-C		D219	276 0049 914	Diode 1S2076ATE	
TR223	273 0187 932	Transistor 2SC2240(BL/GR)TPE2		0221	276 0049 914	Diode 1S2076ATE	
TR225	271 0168 900	Transistor 2SA1145(O)(Y)TPE6		<b>D22</b> 3 <b>D22</b> 5	276 0049 914	Diode 1S2076ATE	
TR227	273 0324 009	Transistor 2SC3298(O/Y)	1	D241	276 0049 914	Diode 1S2076ATE	
TR229	273 0281 906	Transistor 2SC2705(O)/(Y)TPE6			276 0049 914	Diode 1S2076ATE	
TR231	271 0196 008	Transistor 2SA1306 O/Y		D243	276 0049 914		
TR233	273 0281 906	Transistor 2SC2705(O)/(Y)TPE6	1	D301	276 0049 914		
TR241	275 0038 045	Transistor 2SK369(BL)/(GR)-C	1	D303	276 0049 914		
TR243	275 0038 045	TO THE PROPERTY OF THE PARTY OF		D305	276 0049 914		
TR301	273 0431 002			D307	276 0049 914	DE LACONTEATE	
TR305	275 0042 905			D401	276 0049 914	- LACOOTCATE	
	275 0042 905			ì	276 0049 914		
TR307	273 0281 003			D403	2,000.00		
TR309	271 0253 006			70001	276 0299 94	Zener Diode HZ3A-1TE	
TR313	275 0055 915			ZD201 ZD203	276 0407 91	1 ATD	
TR317	271 0168 900	TOTAL TOTAL		11	276 0256 91		
TR319	271 0168 90	1TDGG		ZD301	276 0407 91	1	
TR321	275 0048 91			ZD303	276 0249 91		
TR323	273 0281 90	COMMATRE	5	ZD307	276 0249 91	1. 1.740 STD	
TR325	273 0281 90	TO THE PROPERTY OF THE PARTY OF	6	ZD309	276 0313 93		
TR327	273 0431 00			ZD311	276 0313 9	- Dista U720L-2TD	
TR329	275 0069 00			ZD313	276 0249 9	- Di-4-1710 ITE	
TR333	275 0068 00			ZD351	270 0243 3		
TR335	275 0069 00 275 0069 00				393 9503 9	05 LED SEL4414G(TP1)	
TR337	275 0068 0	1		LD401	1	LED OF MANACATON	
TR339				LD403	393 9503 9		
TR343	274 0167 0			LD405	393 9503 9	005 LED SEL4414G(TP1)	
TR345	272 0128 0			LD407	393 9503 9	JUS ICED SEETTING	
TR347	275 0042 9	COMMATO	E6				·· · · · · · · · · · · · · · · · · · ·
TR351	273 0281 9			RESIS	STORS GROU	IP (not included Carbon F	IIM ±3% 1/477 type)
TR349		: =::===(DL\#CD\ (		VR301	211 0075	1050115	V06PB471
TR401		(DL)/(CD) (		1,551			
TR403				R205	241 2440	706 Carbon 10ohm 1/2W	RD05A2H100JF RM
TR405				R207	241 2447	783 Carbon 47kohm 1/2W	RD05A2H473JF RM
TR401		TOP		R211	241 2457	003 Carbon 220ohm 1/2W	RD05A2H221J RFA
TR40		- ARISTOLITEE		R213	241 2457		RD05A2H221J RFA
TR41		TO LEAST ON STORY		R215	241 2441		RD05A2H47WF RM
TR41		TDLTDE		R217	241 2438		RD05A2H103J RMC
TR41				11	241 2434		RD05A2H102J RM0
TR41				R219	241 2450		RD05A2H105JF RA
TR41		1		R221		1 - 1 - 1 - 1 M	RD05A2H473JF RA
TR42				R225	244 244	a number 1/2W	RD05A2H392J RM
TR42			DEC .	R227	24.045		RD05A2H101J RFA
TR42	25 271 0168	900 Transistor 2SA1145(O)/(Y)TI	red Bec	R229			RD05A3A220J RM
TB42	271 0168	900 Transistor 2SA1145(O)/(Y)T	700	R231	241 240	, , , , , , , , , , , , , , , , , , , ,	·
TR4	×9 273 0281	906 Transistor 2SC2705(O)/(Y)T	rev	ا ل			

	Dort No.	Part Name	Remaks	Ref.No	Part .No	Part Name	Remaks
Ref.No	Part .No		RD05A2H913JF RMG	R423	241 2444 760	Carbon 1.2kohm 1/2W	RD05A2H122JF RMG
R233	241 2448 753	Carbon 91kohm 1/2W	RD05A2H272J RMG	R425	241 2456 046	Carbon 120ohm 1/2W	RD05A2H121J RFA
R237	241 2438 734	Carbon 2.7kohm 1/2W	RD05A2H561J RFA	R427	241 2456 046	Carbon 120ohm 1/2W	RD05A2H121J RFA
R239	241 2458 002	Carbon 560ohm 1/2W	RD05A3A220J RMG	R429	241 2456 059	Carbon 130ohm 1/2W	RD05A2H131J RFA
R241	241 2461 002	Carbon 220hm 1W	RD05A2H221JF RMG	R431	241 2456 059	Carbon 130ohm 1/2W	RD05A2H131J RFA
R243	241 2434 725	Carbon 220ohm 1/2W	RD05A2H104JF RMG	R433	241 2456 059	Carbon 130ohm 1/2W	RD05A2H131J RFA
R245	241 2448 766	Carbon 100kohm 1/2W	RD05A2H105JF RMG	R435	241 2456 059	Carbon 130ohm 1/2W	RD05A2H131J RFA
R247	241 2450 796	Carbon 1Mohm 1/2W	1	R437	241 2444 731	Carbon 910ohm 1/2W	RD05A2H911JF RMG
R249	241 2442 720	Carbon 820hm 1/2W	RD05A2H820JF RMG	R439	241 2444 731	Carbon 910ohm 1/2W	RD05A2H911JF RMG
R273	241 2448 724	Carbon 68kohm 1/2W	RD05A2H683JF RMG	Į.	241 2444 731	Carbon 910ohm 1/2W	RD05A2H911JF RMG
R275	244 2052 928	Metal oxide 47ohm 1W	RS14B3A47QJNBST S	R441	241 2434 767	Carbon Ikohm 1/2W	RD05A2H102J RMG
R277	244 2052 928	Metal oxide 47ohm 1W	RS14B3A47QJNBST S	R443	241 2434 767	Carbon 1kohm 1/2W	RD05A2H102J RMG
				R445	241 2434 767	Carbon 1kohm 1/2W	RD05A2H102J RMG
301	241 2450 796	Carbon 1Mohm 1/2W	RD05A2H105JF RMG	R447	241 2444 731	Carbon 910ohm 1/2W	RD05A2H911JF RMG
R303	241 2434 767	Carbon 1kohm 1/2W	RD05A2H102JF RMG	R449	i i	Carbon 910ohm 1/2W	RD05A2H911JF RMG
R305	241 2448 740	Carbon 82kohm 1/2W	RD05A2H823JF RMG	R451	241 2444 731	Carbon 910ohm 1/2W	RD05A2H911JF RMG
R307	241 2448 740	Carbon 82kohm 1/2W	RD05A2H823JF RMG	R453	241 2444 731	Carbon 1kohm 1/2W	RD05A2H102J RMG
R309	241 2438 721	Carbon 2.2kohm 1/2W	RD05A2H222JF RMG	R455	241 2434 767	Carbon 100ohm 1/2W	RD05A2H101J RFA
R311	241 2438 721	Carbon 2.2kohm 1/2W	RD05A2H222JF RMG	R461	241 2456 020		RD05A2H101J RFA
R315	241 2441 763	Carbon 47ohm 1/2W	RD05A2H470JF RMG	R463	241 2456 020	Carbon 100ohm 1/2W	RD05A2H102JF RMG
R317	241 2444 786	Carbon 1.5kohm 1/2W	RD05A2H152J RMG	R471	241 2434 767	Carbon 1Kohm 1/2W	RD05A2H102JF RMG
	241 2447 754		RD05A2H363JF RMG	R473	241 2434 767	Carbon 1Kohm 1/2W	RD05A2H243J RMG
R319	241 2457 003	1	RD05A2H221J RFA	R485	241 2447 712	Carbon 24Kohm 1/2W	RD05A2H243J RMG
R321	241 2457 003	/ 4014/	RD05A2H221J RFA	R487	241 2447 712	Carbon 24Kohm 1/2W	RD05A2H222J RMG
R323	241 2447 754	\ 40041	RD05A2H363JF RMG	R489	241 2438 721	Carbon 2.2Kohm 1/2W	1
R325	241 2445 714		RD05A2H202JF RMG	R491	241 2438 721	Carbon 2.2Kohm 1/2W	RD05A2H222J RMG
R327		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	RD05A2H102JF RMG	R493	241 2438 763	L .	RD05A2H472J RMG
R329	241 2434 767	- 1 ANADE 150M	RD05A2H105JF RMG	R495	241 2444 799		RD05A2H162J RMG
R331	241 2450 796	41 -1- 4 5041	RD05A2H102J RFA	R497	241 2444 799	Carbon 1.6Kohm 1/2W	RD05A2H162J RMG
R333	241 2458 060		RD05A2H102J RFA	11			
<b>R33</b> 5	241 2458 060	1	RD05A2H102J RFA	CARAC	ITORS GROU	P	
R337	241 2458 060	1	RD05A2H102J RFA	CAPAC	<del></del>	100 5501	CE04W1H101MT ASF
<b>3</b> 9	241 2458 060	- 1001	RD05A2H434JF RMG	C111	254 4313 950	. I	CE04W1H101MT ASF
R341	241 2450 712		RD05A2H434JF RMG	C117	254 4313 950	l .	CE04W1H4R7MC ARS
<b>R34</b> 3	241 2450 712		RD05A2H103J RMG	C201	254 4461 718		CE04W1H4R7MC ARS
R345	241 2438 78		RD05A2H103J RMG	C203	254 4461 711	mummit	CQ09S2B103K B
R347	241 2438 78		RD05A2H431J RFA	C205	255 6167 00		CE04W1H101MT ASF
<b>R34</b> 9	241 2457 07		l l	C215	254 4313 95		CQ09S2B103K B
R351	241 2457 07		RD05A2H431J RFA	C219	255 6167 00		
R353	241 2448 76		RD05A2H104J RMG	C221	255 6167 00	1	CO09S2B103K B
R355	241 2448 76	6 Carbon 100Kohm 1/2W	RD05A2H104J RMG	C223	255 6187 01	,	CO09S2B151KFB
	Ì			C225	255 6187 04		CO09S2B472KF B
R401	241 2447 79	6 Carbon 51kohm 1/2W	RD05A2H513JF RMG	C229	255 1265 96	5 Film 0.018µF/50V	CO93M1H183J
R403	241 2447 79	6 Carbon 51kohm 1/2W	RD05A2H513JF RMG	C231	255 6175 07	6 Film 0.0015μF/125V	CO09S2B152KF B
R405	241 2443 74	5 Carbon 390ohm 1/2W	RD05A2H391JF RMG	C233	255 6187 00	6 Film 56pF/125V	CO09S2B560KFB
R407	241 2443 74		RD05A2H391JF RMG	C235	254 4356 73	9 Electrolytic 47µF/50V	CE04W1H470MC ARS
R409	241 2447 71		RD05A2H243JF RMG	C237	254 4347 73		CE04W1H4R7MC ARS
R411	241 2447 7		RD05A2H243JF RMG	C239	254 4356 7	1	CE04W1H470MC ARS
1	241 2447 7		RD05A2H363JF RMG	- 1i .	255 6187 0		CQ09S2B681KFB
R413	241 2447 7		RD05A2H363JF RMG	C241	254 4347 7		CE04W1H4R7MC AR
R415	1	- 1 4 01 - 1 - 1 1014	RD05A2H122JF RMG	11 0243	255 6187 0		CO09S2B472KF B
R417	241 2444 7		RD05A2H122JF RMG	11 0247	4		CE04W1H101MT ASF
R419	241 2444 7		RD05A2H122JF RMG	11 6249	254 4313 9	Ciccondition 100pi 100	
R421	241 2444 7	60 Carbon 1.2kohm 1/2W					

	Don't Ma	Part Name	Remaks	Ref.No	Part .No	Part Name	Remaks
Ref.No	Part .No		CF93A1H224JT	C429	255 6175 034	Film 100pF/125V	CO09S2B101KF B
C251	<b>256 1035</b> 910	Metallized 0.22µF/50V	CF93A1H683J	C431	255 6175 034	Film 100pF/125V	CQ09S2B101KF B
C253	256 1034 953	Film 0.068µF/50V	CE04W1H470MC ARS	C445	255 6167 042	Film 470pF/125V	CQ09S2B471KF B
C261	254 4356 739	Electrolytic 47µF/50V	CE04W1H470MC ARS	C461	255 6167 000	Film 0.01µF/125V	CQ09S2B103K B
C263	254 4356 739	Electrolytic 47µF/50V	CE04W1H470MC ARS	C463	255 6167 000	Film 0.01µF/125V	CO09S2B103K B
C265	254 4356 739	Electrolytic 47µF/50V	CQ09S2B103K B	C465	254 4356 742	Electrolytic 470µF/50V	CE04W1H471 ARS
C287	255 6167 000	Film 0.01µF/125V	0000025705775	C467	254 4356 742	Electrolytic 470µF/50V	CE04W1H471 ARS
		Film 47nE/\$25V	CO09S2B470K B	C469	254 4356 742	Electrolytic 470µF/50V	CE04W1H471 ARS
C301	255 6167 039	Film 47pF/125V Film 47pF/125V	CQ09S2B470K B	C471	254 4356 742	Electrolytic 470µF/50V	CQ09S2B103K B
<b>C30</b> 3	255 6167 039	Film 0.01µF/125V	CQ09S2B103K B	C473	255 6167 000	Film 0.01µF/125V	CQ09S2B103K B
<b>C30</b> 5	255 6167 000	Film 39pF/125V	CQ09S2B390KF B	C475	255 6167 000		CQ09S2B101KF B
C313	255 6175 050	1	CQ09S2B390KF B	C481	255 6175 034		CQ09S2B471K B
C315	255 6175 050	1	CQ09S2B103K B	C483	255 6167 042		CO09S2G330KF B
C317	255 6167 000	Film 0.01µF/125V	CO09S2B103K B	C485	255 6181 028		CO09S2B101KF E
C319	255 6167 000		CE04W1H471 ARS	C487	255 6175 034		CQ09S2B471K B
C321	254 4356 742	THE PERCENT	CE04W1H471 ARS	C489	255 6167 042		CQ09S2G330KF B
<b>C32</b> 3	254 4356 742		CQ09S2B101KF B	C491	255 6181 028		CE04W1H010MT ASF
C325	255 6175 034	54051	CO09S2B101KF B	C493	254 4313 963		CE04W1H010MT ASF
C327	255 6175 034		CQ09S2B101KF B	C495	254 4313 963	Electrolytic 1µF/50V	CEMAN IN ION IN 100
<b>C32</b> 9	255 6175 034	400 FMOEV	CQ09S2B101KF B				
C331	255 6175 034		CQ09S2B103K B	OTHER	PARTS		
<b>C33</b> 3	255 6167 000		CQ09S2B103K B	11	214 0172 00	3 Relay (RY12W-OH)	
<b>C33</b> 5	255 6167 000		CQ93P2A223J NH	RL111	214 0172 00		
<b>C33</b> 7	255 4235 94		CQ93P2A223J NH	RL117	214 0178 00		
C339	255 4235 94		CE04W1H471 ARS	RL209	214 0172 00		
C341	254 4356 74		CE04W1H471 ARS	RL213	214017200	, , ,	
C343	254 4356 74	1 1 000 F/FOV	CE04W1H221MC ARS	CNOC	205 0190 0	36 3P NH Connector Base	
<b>C3</b> 51	254 4356 75		CQ09S2B103KF B	CN201	205 0277 03	D (5	(D)
<b>C35</b> 3	255 6167 00 254 4356 75		CE04W1H221MC ARS	CN205A	205 0653 0	t Been	
C355	255 6167 00		CQ09S2B103K B	CN251A			
C357	255 6167 00		CQ09S2B103K B	CN253A		- mill o instal Dago (S	JK)
C371	255 6167 00		CQ09S2B103K B	CN255A			
C373	254 4356 7	170 F/FOV	CE04W1H471 ARS	CN257A			M)
C375	254 4356 7		CE04W1H471 ARS	CN405	205 0190 0		
C377	254 4461 7		CE04W1H4R7MC ARS	5    011403			
C379	254 4461 7	LULAS FIFOU	CE04W1H4R7MC AR	5			
C381	254 4356 7		CE04W1H221MC ARS	5			
C383	254 4356 7	:	CE04W1H221MC ARS	\$ <b> </b>			
C385	255 6167 0		CO09S2B103K B				
C387	255 6167 (		CO09S2B103K B				
C389	256 1054 (		CF93B1H105K GSG				
<b>C39</b> 5	230 10011						
C401	255 6175	063 Film 220pF/125V	CQ09S2B221KF B				
C403	255 6175		CO09S2B221KF B				
C409	255 6187		CQ09S2B472KF B				
1 .	255 6187		CQ09S2B472KF B				
C411	254 4356		CE04W1H221MC AF				
C419	254 4356		CE04W1H221MC AF				
C421	254 4356		CE04W1H221MC AF		*		
C423	254 4356	1 200 EIEON	CE04W1H221MC AF	rs			
C425	234 4330		1	11	1	1	

J-2740)i		NIT (Control Unit)	Remaks	Ref.No	Part .No	Part Name	Remaks
ef.No	Part .No	Part Name	Hemans	TR430	273 0281 906	Transistor 2SC2705(OV(Y)TPE6	
SEMICON	IDUCTORS G	ROUP		TR432	273 0281 906	Transistor 2SC2705(O)(Y)TPE6	
TR210	271 0094 919	Transistor 2SA970(BL)TPE2		D112	276 0049 914	Diode 1S2076ATE	
TR212	273 0281 906	Transistor 2SC2705(O)/(Y)TPE6		D118	276 0049 914	Diode 1S2076ATE	
TR214	273 0281 906	Transistor 2SC2705(O)/(Y)TPE6		D212	276 0049 914	Diode 1S2076ATE	
TR216	275 0038 045	Transistor 2SK369(BL)/(GR)-C		D216	276 0049 914	Diode 1S2076ATE	
TR218	275 0042 905	Transistor 2SK373(Y)TPE2		D218	276 0049 914	Diode 1S2076ATE	
TR222	275 0038 045	Transistor 2SK369(BL)/(GR)-C	1 . []	D210 D220	276 0049 914		•
TR224	273 0187 932	Transistor 2SC2240(BUGR)TPE2		D220 D222	276 0049 914	l	•
TR226	271 0168 900	Transistor 2SA1145(O)/(Y)TPE6		D224	276 0049 914	1	
TR228	273 0324 009	Transistor 2SC3298(O/Y)		D224	276 0049 914		
TR230	273 0281 906	Transistor 2SC2705(O)/(Y)TPE6		D242	276 0049 914		
TR232	271 0196 008	Transistor 2SA1306 O/Y		l	276 0049 914		
.234	273 0281 906	Transistor 2SC2705(O)(Y)TPE6		D244	276 0049 91		
TR242	275 0038 045	Transistor 2SK369(BL)/(GR)-C		D302	276 0049 91	· · · · · · · · · · · · · · · · · · ·	
TR244	275 0038 045	Transistor 2SK369(BL)/(GR)-C		D304	276 0049 91	- CONTRACT	
TR302	273 0431 002	Transistor 2SC3067		D306	276 0049 91	- CONTEATE	
TR306	275 0042 905	Transistor 2SK373(Y)TPE2		D308	276 0049 91	- ADDOTCATE	
TR308	275 0042 905	- OCKATAINTEE		D312	276 0049 91		
	273 0281 003			D402	276 0049 91		
TR310	271 0253 006			D404	270 0043 3		
TR314	275 0055 915				276 0299 9	Zener Diode HZ3A-1TE	
TR318	271 0168 900			ZD202	276 0293 3	1	
TR320	271 0168 900			ZD204	276 0256 9		
TR322	275 0048 91			ZD302	276 0238 9		
TR324	273 0281 90		5	ZD304	276 0249 9	270 070	
TR326	273 0281 90			ZD308	i	1 0.70	
TR328	273 0281 90	1		ZD310	276 0249 9		
TR330	1			ZD312	276 0313 9	OTO OTO	
TR334	275 0069 00	1		ZD314	276 0313 9	U710 tTE	
TR336	275 0068 00	1		ZD352	276 0249	Zeriei Dioce rizzio	
TR338	275 0069 00			li .		905   LED SEL4414G(TP1)	<b>\</b>
.340	275 0068 00			LD402	393 9503		
TR344	274 0167 O	1		LD404	393 9503		
TR346	272 0128 0			LD406	393 9503	OF 4414C/TD1\	
TR348	275 0042 9			LD408	393 9503	905 LED SEL4414G(TP1)	
TR350	275 0042 9	TO THE PROPERTY OF THE PARTY OF	F6				
TR352	273 0281 9	Ub   Hansision 2502/05(0)(1)11		1			
		45 Transistor 2SK369(BLV(GR)-		RESIS	STORS GRO	UP (not included Carbon F	ilm ±5% 1/4W type
TR402	275 0038 0						V06PB471
TR404	275 0038 0			VR302	2110075	,	
TR406	1 .	- ADVACAUDI MCD			241 2440	706 Carbon 10ohm 1/2W	RD05A2H100JF RM
TR408		TOP		R206	241 244		RD05A2H473JF RM
TR410				R208	241 244	4.0044	RD05A2H221J RFA
TR412				R212	1		RD05A2H221J RFA
TR414				R214	241 245		RD05A2H470JF RM
TR416	273 0198	918 Transistor 2SC1815(BL)TPE		R216	241 244		RD05A2H103JF RA
TR418	271 0168	900 Transistor 2SA1145(O)/(Y)TF		R218	241 243		RD05A2H102J RM
TR42				R220			RD05A2H105JF RI
TR42		900 Transistor 2SA1145(O)/(Y)T		R222			RD05A2H473JF RI
TR42		900 Transisior 2SA1145(O)/(Y)T		R226			RD05A2H392J RM
TR42		900 Transistor 2SA1145(O)/(Y)T	PE6	R228	241 244	15 057 Carbon 3.9kohm 1/2W	1100012.10011
1 1114	8 271 0168			11			

	, <del>.</del>		Demaks	Ref. No.	Part No.	Part Name	Remaks
Ref. No.	Part No.	Part Name	Remaks		1	Carbon 1.2kohm 1/2W	RD05A2H122JF RMG
R230	241 2456 020	Carbon 100ohm 1/2W	RD05A2H101J RFA	R420		Carbon 1.2kohm 1/2W	RD05A2H122JF RMG
R232	241 2461 002	Carbon 22ohm 1W	RD05A3A220J RMG	R422	,	Carbon 1.2kohm 1/2W	RD05A2H122JF RMG
R234	241 2448 753	Carbon 91kohm 1/2W	RD05A2H913JF RMG	R424	[	Carbon 120ohm 1/2W	RD05A2H121J RFA
R238	241 2438 734	Carbon 2.7kohm 1/2W	RD05A2H272J RMG	R426	1	Carbon 120ohm 1/2W	RD05A2H121J RFA
R240	241 2458 002	Carbon 560ohm 1/2W	RD05A2H561J RFA	R428	241 2456 059	Carbon 130ohm 1/2W	RD05A2H131J RFA
R242	241 2461 002	Carbon 22ohm 1W	RD05A3A220J RMG	R430	241 2456 059	Carbon 130ohm 1/2W	RD05A2H131J RFA
R244	241 2434 725	Carbon 220ohm 1/2W	RD05A2H221JF RMG	R432	1	Carbon 130ohm 1/2W	RD05A2H131J RFA
R246	241 2448 766	Carbon 100kohm 1/2W	RD05A2H104JF RMG	R434	241 2456 059	Carbon 130ohm 1/2W	RD05A2H131J RFA
R248	241 2450 796	Carbon 1Mohm 1/2W	RD05A2H105JF RMG	R436	241 2456 059	Carbon 910ohm 1/2W	RD05A2H911JF RMG
R250	241 2442 720	Carbon 82ohm 1/2W	RD05A2H820JF RMG	R438	241 2444 731	Carbon 910ohm 1/2W	RD05A2HS : 1JF RMG
R274	241 2448 724	Carbon 68kohm 1/2W	RD05A2H683JF RMG	R440	241 2444 731	Carbon 910ohm 1/2W	RD05A2H911JF RMG
R276	244 2052 928	Metal oxide 47ohm 1W	RS14B3A470JNBST S	R442	241 2444 731	Carbon 1kohm 1/2W	RD05A2H102J RMG
R278	244 2052 928	Metal oxide 47ohm 1W	RS14B3A47QJNBST S	R444	241 2434 767	Carbon 1kohm 1/2W	RD05A2H102J RMG
11270				R446	241 2434 767	Carbon 1kohm 1/2W	RD05A2H102J RMG
<b>R30</b> 2	241 2450 796	Carbon 1Mohm 1/2W	RD05A2H105JF RMG	R448	241 2434 767	Carbon 910ohm 1/2W	RD05A2H911JF RMG
	241 2434 767	Carbon 1kohm 1/2W	RD05A2H102JF RMG	R450	241 2444 731	Carbon 910ohm 1/2W	RD05A2H911JF RMG
R304	241 2448 740	1	RD05A2H823JF RMG	R452	241 2444 731		RD05A2H911JF RMG
R306	241 2448 740		RD05A2H823JF RMG	R454	241 2444 731	Carbon 910ohm 1/2W	RD05A2H102J RMG
R308	241 2438 721	Carbon 2.2kohm 1/2W	RD05A2H222JF RMG	R456	241 2434 767	Carbon 1kohm 1/2W	RD05A2H101J RFA
R310	241 2438 721		RD05A2H222JF RMG	R462	241 2456 020	Carbon 100ohm 1/2W	RD05A2H101J RFA
R312	241 2441 763	4 2014	RD05A2H470JF RMG	R464	241 2456 020	Carbon 100ohm 1/2W	RD05A2H102JF RMG
R316	241 2441 786		RD05A2H152J RMG	R472	241 2434 767	Carbon 1Kohm 1/2W	RD05A2H102JF RMG
R318	241 2447 754		RD05A2H363JF RMG	R474	241 2434 767	Carbon 1Kohm 1/2W	RD05A2H243JF RMG
R320	241 2457 003		RD05A2H221J RFA	R486	241 2447 712		RD05A2H243JF RMG
R322	i		RD05A2H221J RFA	R488	241 2447 712		RD05A2H222JF RMG
R324	241 2457 003	4 2014	RD05A2H363JF RMG	R490	241 2438 721		RD05A2H222JF RMG
R326	241 2447 754		RD05A2H202JF RMG	R492	241 2438 721	t .	•
R328	241 2445 71	1 1 1 1 1 1 1 1 1 1 1 1	RD05A2H102JF RMG	R494	241 2438 763		RD05A2H472JF RMG
R330	241 2434 76		RD05A2H105JF RMG	R496	241 2444 799	· ·	RD05A2H162JF RMG
R332	241 2450 79		RD05A2H102J RFA	R498	241 2444 79	Garbon 1.6Kohm 1/2W	RD05A2H162JF RMG
R334	241 2458 06	4 100.01	RD05A2H102J RFA				
R336	241 2458 06		RD05A2H102J RFA	1	CITORS GROU	IP	
R338	241 2458 06		RD05A2H102J RFA	1			CE04W1H101MT ASF
R340	t	0 Carbon 1kohm 1/2W	RD05A2H434JF RMG	C112	1	0 Electrolytic 100μF/50V 0 Electrolytic 100μF/50V	CE04W1H101MT ASF
R342	241 2450 71		RD05A2H434JF RMG	C118	254 4313 95		CE04W1H4R7MC ARS
R344	241 2450 71		RD05A2H103J RMG	C202	254 4461 71		CE04W1H4R7MC ARS
R346	241 2438 78		RD05A2H103J RMG	C204	254 4461 71		CQ09S2B103K B
F348	241 2438 78	Garbon 10kohm 1/2W		C206	255 6167 00		CE04W1H101MT ASF
R350	241 2457 0		RD05A2H431J RFA	C216	254 4313 95	1	CQ09S2B103K B
R352	241 2457 0		RD05A2H431J RFA	C220	255 6167 00		CQ09S2B103K B
R354	241 2448 7		RD05A2H104JF RMG	C222	255 6167 0		CQ09S2B151KF B
R356	241 2448 7	66 Carbon 100Kohm 1/2W	RD05A2H104JF RMG	C224	255 6187 0		CO09S2B472KF B
				C226	255 6187 0		1
R402	241 2447 7	96 Carbon 51kohm 1/2W	RD05A2H513JF RMG	C230	255 1265 9		CO93M1H183J
R404	241 2447 7	1	RD05A2H513JF RMG	C232	255 6175 0		CO09S2B152KF B
F1406	241 2443 7		RD05A2H391JF RMG	C234	255 6187 0		CO09\$2B560KF B
R408	241 2443 7		RD05A2H391JF RMG	C236	254 4356 7		CE04W1H470MC ARS
1 .	241 2447 7		RD05A2H243JF RMG	C238	l		CE04W1H4R7MC ARS
R410	241 2447 7		RD05A2H243JF RMG	C240	254 4356 7		CE04W1H470MC ARS
R412	241 2447		RD05A2H363JF RMG	C240	255 6187 (		CQ09S2B681KF B
R414		1 4000	RD05A2H363JF RMG	C242	254 4347		CE04W1H4R7MC AR
R416	241 2447	760 Carbon 1.2kohm 1/2W	RD05A2H122JF RMG	11 0240	207 7077		ı

		B - A M	Remaks	Ref. No.	Part No.	Part Name	Remaks
Ref. No.	Part No.	Part Name		C416	255 6187 051	Film 330pF/125V	CQ09S2B331KF B
C248	255 6187 048	Film 0.0047µF/125V	CO09S2B472KF B	C420	254 4356 755	Electrolytic 220µF/50V	CE04W1H221MC ARS
<b>C25</b> 0	254 4313 950	Electrolytic 100µF/50V	CE04W1H101MT ASF	C422	254 4356 755	Electrolytic 220µF/50V	CE04W1H221MC ARS
<b>C25</b> 2	256 1035 910	Metallized 0.22µF/50V	CF93A1H224JT	C424	254 4356 755	Electrolytic 220µF/50V	CE04W1H221MC ARS
C254	256 1034 953	Film 0.068µF/50V	CF93A1H683JT	C426	254 4356 755	Electrolytic 220µF/50V	CE04W1H221MC ARS
C262	254 4356 739	Electrolytic 47µF/50V	CE04W1H470MC ARS	C430	255 6175 034	Film 100pF/125V	CO09S2B101KF B
C264	254 4356 739	Electrolytic 47µF/50V	CE04W1H470MC ARS	C432	255 6175 034	Film 100pF/125V	CO09S2B101KF B
C266	254 4356 739	Electrolytic 47µF/50V	CE04W1H470MC ARS	C446	255 6167 042	Film 470pF/125V	CO09S2B471KF B
C288	255 6167 000	Film 0.01µF/125V	CQ09S2B103K B	C462	255 6167 000	Film 0.01µF/125V	CO09S2B103K B
			0000000170V D	C464	255 6167 000	Film 0.01µF/125V	CO09S2B103K B
C302	255 6167 039	Film 47pF/125V	CQ09S2B470K B	C466	254 4356 742	Electrolytic 470µF/50V	CE04W1H471 ARS
C304	255 6167 039	Film 47pF/125V	CQ09\$2B470K B	C468	254 4356 742	Electrolytic 470µF/50V	CE04W1H471 ARS
C306	255 6167 000	Film 0.01µF/125V	CQ09S2B103K B	C470	254 4356 742	Electrolytic 470µF/50V	CE04W1H471 ARS
314	255 6175 050	Film 39pF/125V	CO09S2B390KF B	C472	254 4356 742	Electrolytic 470µF/50V	CE04W1H471 ARS
C316	255 6175 <b>0</b> 50	Film 39pF/125V	CQ09S2B390KF B	<b>1</b>	255 6167 000	Film 0.01µF/125V	CQ09S2B103K B
C318	255 6167 000	Film 0.01µF/125V	CQ09S2B103K B	C474	255 6167 000	Film 0.01µF/125V	CO09S2B103K B
C320	255 6167 000	Film 0.01µF/125V	CO09S2B103K B	C476	255 6175 034	Film 100pF/400V	CQ09S2B101KF B
C322	254 4356 742	Electrolytic 470µF/50V	CE04W1H471 ARS	C482	255 6167 042	Film 470pF/125V	CQ09S2B471K B
.C324	254 4356 742	Electrolytic 470µF/50V	CE04W1H471 ARS	C484 C486	255 6181 028	Film 33pF/400V	CO9S2G330KF B
C326	255 6175 034	Film 100pF/125V	CO09S2B101KF B	C488	255 6175 034	Film 100pF/400V	CQ09S2B101KF B
C328	255 6175 034	Film 100pF/125V	CQ09S2B101KF B	11	255 6167 042	Film 470pF/125V	CQ09S2B471K B
C330	255 6175 034	Film 100pF/125V	CQ09S2B101KF B	C490	255 6181 028	Film 33pF/400V	CQ9S2G330KF B
C332	255 6175 034	Film 100pF/125V	CQ09S2B101KF B	C492	254 4313 963	Electrolytic 1µF/50V	CE04W1H010MT ASF
C334	255 6167 000	Film 0.01µF/125V	CQ09S2B103K B	C494	254 4313 963		CE04W1H010MT ASF
C336	255 6167 000	Film 0.01µF/125V	CQ09S2B103K B	C496	254 4515 500	2.0000	
C338	255 4235 743	Film 0.022µF/100V	CQ93P2A223JC NH				
C340	255 4235 743		CO93P2A223JC NH	OTHER	PARTS		т
C342	254 4356 742		CE04W1H471 ARS	RL112	214 0172 003	*	
C344	254 4356 742	1	CE04W1H471 ARS	RL118	214 0172 003		
C352	254 4356 755	i e	CE04W1H221MCARS	RL210	214 0178 00		
C354	255 6167 000	1	CQ09S2B103K B	RL214	214 0172 00	Relay (RY12W-OH)	
356	254 4356 755	Electrolytic 220µF/50V	CE04W1H221MC ARS			·	
C358	255 6167 000	Film 0.01µF/125V	CO09\$2B103K B	CN202	205 0190 03		
C372	255 6167 000	Film 0.01µF/125V	CQ09S2B103K B	CN204A	205 0277 03	3P EH Connector Base (RD	)
C374	255 6167 000	) Film 0.01μF/125V	CQ09S2B103K B	CN206A	205 0653 03	3P VH Connector Base	
C376	254 4356 742	Electrolytic 470µF/50V	CE04W1H471 ARS	CN252A	205 0233 03	2 3P EH Connector Base	ĺ
C378	254 4356 742	Electrolytic 470µF/50V	CE04W1H471 ARS	CN254A	205 0278 03		
C380	254 4461 711	B Electrolytic 4.7μF/50V	CE04W1H4R7MC ARS	CN256A	1	1 3P EH Connector Base (BL	
C382	254 4461 71	B Electrolytic 4.7μF/50V	CE04W1H4R7MC ARS	CN258A		7 3P EH Connector Base (YV	<b>v</b> )
C384	254 4356 75	5 Electrolytic 220µF/50V	CE04W1H221MC ARS	CN406	205 0190 03	6 3P NH Connector Base	
C386	254 4356 75	5 Electrolytic 220µF/50V	CE04W1H221MC ARS				
C388	255 6167 00	0 Film 0.01μF/125V	CQ09S2B103K B				
C390	255 6167 00	0 Film 0.01μF/125V	CQ09S2B103K B				
C396	256 1054 00	1 Film 1μF/50V	CF93B1H105K GSG				
C402	255 6175 06	3   Film 220pF/125V	CO09S2B221KF B			·	
C404	255 6175 06	3 Film 220pF/125V	CQ09S2B221KF B				
C406	255 6181 02	8 Film 33pF/400V	CQ09S2G330KF B				
C408	255 6181 02		CQ09S2G330KF B				
C410	255 6187 04		CQ09S2B472KF B				
C412	255 6187 04	Į.	CQ09S2B472KF B				
	255 6187 05		CQ09S2B331KF B				
C414	233 0 187 05	71 Fait 500p1 1254					

SEMICONDUC IC701-704   263 G TR601,602   274 G TR603,604   272 G TR605,606   274 G TR607,608   272 G TR701,702   273 G TR703-706   275 G TR707,708   275 G TR707,708   275 G TR713,714   275 G TR719,720   277 G TR721,722   277 G TR733-736   277 G TR733-736   277 G TR737,738   277 G TR737,738   277 G TR745-748   277 G TR751,752   277 G TR751,754   277 G TR761,768   277 G TR771-774 G TR771-774 G TR777,778	4 0167 007 2 0128 008 4 0167 007 2 0128 008 5 0042 905 73 0281 906 75 0038 029 73 0281 906 75 0038 029 73 0281 906 75 0068 002 273 0281 906 275 0068 002 273 0281 906 275 0038 029 273 0281 906	C NJMOP-07D  Transistor 2SD2437  Transistor 2SB1586  Transistor 2SB1586  Transistor 2SC2705(O)/(Y)TPE6  Transistor 2SC3705(O)/(Y)TPE6  Transistor 2SC3705(O)/(Y)TPE6		ZD721,722 ZD723,724 ZD741,742 ZD743,744 ZD771~778	276 0299 939 276 0236 934 276 0239 939 276 0236 934 276 0173 987  RS GROUP (r 211 6122 003 241 2448 737 241 2447 783 241 2458 028 241 2455 047 241 2455 047 241 2455 047 241 2457 047 241 2457 047 241 2447 783 241 2447 783	Carbon 47ohm 1/2W Carbon 100ohm 1/2W Carbon 47ohm 1/2W Carbon 33ohm 1/2W Carbon 33ohm 1/2W Carbon 47ohm 1/2W Carbon 47ohm 1/2W Carbon 47kohm 1/2W Carbon 100kohm 1/2W Carbon 100hm 1/2W	RD05A2H753JF RMG RD05A2H473JF RMG RD05A2H473JF RMG RD05A2H102JF RMG RD05A2H100JF RMG RD05A2H100JF RMG RD05A2H101J RFA RD05A2H560JF RFA RD05A2H560JF RFA RD05A2H330J RFA RD05A2H473JF RMG RD05A2H473JF RMG RD05A2H100JF RMG RD05A2H100JF RMG RD05A2H473JF RMG
TR601,602   274   TR603,604   272   TR605,606   274   TR607,608   272   TR609-612   275   TR701,702   273   TR703-706   275   TR715-718   27   TR715-718   27   TR721,722   27   TR721,722   27   TR731,732   27   TR733-736   27   TR737-738   27   TR737-738   27   TR743,744   27   TR745-748   27   TR751,752   27   TR751,752   27   TR751,752   27   TR761,762   27   TR761,762   27   TR761,762   27   TR765,766   27   TR769,770   TR715-774   TR775,776   TR777,778   27   TR777,778	4 0167 007 2 0128 008 4 0167 007 2 0128 008 4 0167 007 2 0128 008 5 0042 905 73 0281 906 75 0038 029 73 0281 906 75 0038 029 73 0281 906 75 0068 002 273 0281 906 275 0038 029 273 0281 906 275 0069 001 275 0069 001 275 0069 001	C NJMOP-07D  Transistor 2SD2437  Transistor 2SB1586  Transistor 2SB1586  Transistor 2SC2705(O)/(Y)TPE6  Transistor 2SC3705(O)/(Y)TPE6  Transistor 2SC3705(O)/(Y)TPE6		ZD721,722 ZD723,724 ZD741,742 ZD743,744 ZD771~778 RESISTOI VR701,702 R603,604 R605,606 R607~610 R611,612 R613,614 R615,616 R617,618 R619,620 R621~624 R625~628 R641~644	276 0299 939 276 0236 934 276 0236 934 276 0173 987 276 0173 987 281 2448 737 241 2448 737 241 2458 028 241 2455 047 241 2455 047 241 2455 005 241 2443 767 241 2444 783 241 2447 783 241 2457 047 241 2457 047 241 2457 047 241 2457 047 241 2457 047 241 2447 783 241 2	Zener Diode HZ5C-1TE Zener Diode HZ3B-2TE Zener Diode HZ5C-1TE Zener Diode HZ5C-1TE Zener Diode HZ6C-1TE  Tot included Carbon Filit Adjust 20ohm  Carbon 75kohm 1/2W Carbon 47kohm 1/2W Carbon 1kohm 1/2W Carbon 10ohm 1/2W Carbon 10ohm 1/2W Carbon 47ohm 1/2W	RD05A2H753JF RMG RD05A2H473JF RMG RD05A2H473JF RMG RD05A2H102JF RMG RD05A2H100JF RMG RD05A2H100JF RMG RD05A2H101J RFA RD05A2H560JF RFA RD05A2H560JF RFA RD05A2H330J RFA RD05A2H473JF RMG RD05A2H473JF RMG RD05A2H100JF RMG RD05A2H100JF RMG RD05A2H473JF RMG
TR601,602   274   TR603,604   272   TR605,606   274   TR607,608   275   TR701,702   273   TR703,706   275   TR707,708   275   TR713,714   275   TR715,718   27   TR721,722   27   TR731,732   27   TR733,734   27   TR737,738   27   TR737,738   27   TR745,744   27   TR751,752   27   TR761,762   27   TR761,762   27   TR761,762   27   TR761,762   27   TR761,768   37   TR769,770   TR771,778   TR777,778	4 0167 007 2 0128 008 4 0167 007 2 0128 008 5 0042 905 73 0281 906 75 0038 029 73 0281 906 75 0038 029 73 0281 906 75 0068 002 273 0281 906 275 0068 002 273 0281 906 275 0038 029 273 0281 906 275 0038 029 273 0281 906 275 0038 029 273 0281 906 275 0038 029 273 0281 906 275 0068 001 275 0069 001 275 0069 001 275 0069 001	Transistor 2SD2437 Transistor 2SB1586 Transistor 2SB1586 Transistor 2SB1586 Transistor 2SK373(Y)TPE2  Transistor 2SK369(GR)-C Transistor 2SK369(GR)-C Transistor 2SK369(GR)-C Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SK215 Transistor 2SL215 Transistor 2SL215 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SK369(GR)-C Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SK2705(O)/(Y)TPE6 Transistor 2SK215 Transistor 2SK215		ZD723,724 ZD741,742 ZD743,744 ZD771~778 RESISTO VR701,702 R603,604 R605,606 R607~610 R611,612 R613,614 R615,616 R617,618 R619,620 R621~624 R625~626 R641~644	276 0236 934 276 0299 939 276 0236 934 276 0173 987 276 0173 987 285 GROUP (r 211 6!22 003 241 2448 737 241 2447 783 241 2458 028 241 2440 706 241 2455 047 241 2455 047 241 2455 005 241 2447 783 241 2447 783 241 2447 783	Zener Diode HZ3B-2TE Zener Diode HZ5C-1TE Zener Diode HZ5C-1TE Zener Diode HZ6C-1TE  not included Carbon Filit Adjust 20ohm  Carbon 75kohm 1/2W Carbon 172W Carbon 14kohm 1/2W Carbon 18chm 1/2W Carbon 18chm 1/2W Carbon 10ohm 1/2W Carbon 47ohm 1/2W Carbon 100kohm 1/2W	RD05A2H753JF RMG RD05A2H473JF RMG RD05A2H473JF RMG RD05A2H102JF RMG RD05A2H100JF RMG RD05A2H100JF RMG RD05A2H101J RFA RD05A2H560JF RFA RD05A2H560JF RFA RD05A2H330J RFA RD05A2H473JF RMG RD05A2H473JF RMG RD05A2H100JF RMG RD05A2H100JF RMG RD05A2H473JF RMG
TR601.602   274   17603.604   272   17605.606   274   17607.608   275   17609-612   275   17703-706   275   17703-706   275   17703-706   275   17713.714   275   17713.714   275   17713.722   277   17723.724   277   17733-736   277   17733-736   277   17733-736   277   17733-736   277   17733-736   277   17733-736   277   17745-748   277   17753.754   277   17753.754   277   17753.754   277   17753.756   17771-774   17775.776   17777.778	2 0128 008 4 0167 007 2 0128 008 5 0042 905 2 0028 1 906 25 0038 029 23 0281 906 25 0038 029 23 0281 906 27 0168 900 27 0038 029 27 0281 906 27 0038 029	Transistor 2SB1586 Transistor 2SB1586 Transistor 2SK373(Y)TPE2  Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SK369(GR)-C Transistor 2SK369(GR)-C Transistor 2SK369(GR)-C Transistor 2SK369(GR)-C Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SK369(GR)-C Transistor 2SC2705(O)/(Y)TPE6		ZD741,742 ZD743,744 ZD771~778 RESISTO VR701,702 R603,604 R605,606 R607~610 R611,612 R613,614 R615,616 R617,618 R619,620 R621~624 R625~626 R641~644 R701,702 R703,704	276 0299 939 276 0236 934 276 0173 987 276 0173 987 285 GROUP (r 211 6122 003 241 2448 737 241 2447 783 241 2458 028 241 2456 020 241 2455 047 241 2455 047 241 2455 005 241 2443 767 241 2447 783 241 2447 783 241 2447 783	Zener Diode HZ5C-1TE Zener Diode HZ6C-1TE  Zener Diode HZ6C-1TE  Adjust 20ohm  Carbon 75kohm 1/2W Carbon 47kohm 1/2W Carbon 1kohm 1/2W Carbon 10ohm 1/2W Carbon 10ohm 1/2W Carbon 47ohm 1/2W Carbon 47ohm 1/2W Carbon 33ohm 1/2W Carbon 47ohm 1/2W Carbon 100kohm 1/2W Carbon 100kohm 1/2W Carbon 100kohm 1/2W Carbon 100kohm 1/2W	RD05A2H753JF RMG RD05A2H473JF RMG RD05A2H473JF RMG RD05A2H102JF RMG RD05A2H100JF RMG RD05A2H100JF RMG RD05A2H101J RFA RD05A2H560JF RFA RD05A2H560JF RFA RD05A2H330J RFA RD05A2H473JF RMG RD05A2H473JF RMG RD05A2H100JF RMG RD05A2H100JF RMG RD05A2H473JF RMG
TR603,604   272   TR605,606   274   TR607,608   275   TR609-612   275   TR701,702   273   TR703-706   275   TR703-708   275   TR713,714   275   TR713,714   275   TR713,724   275   TR721,722   275   TR723,724   275   TR733-736   275   TR737,738   275   TR743,744   275   TR743,744   275   TR745-748   275   TR751,752   276,3754   276,3754   276,3754   276,3764   276,3764   276,3764   276,3764   276,3766   2	2 0128 008 4 0167 007 2 0128 008 5 0042 905 2 0038 029 73 0281 906 75 0038 029 73 0281 906 275 0038 029 273 0281 906 275 0038 029 273 0281 906 275 0038 029 273 0281 906 275 0038 029 273 0281 906 275 0038 029 273 0281 906 275 0038 029 273 0281 906 275 0038 029 273 0281 906 275 0038 029 273 0281 906 275 0038 029 273 0281 906 275 0038 029 273 0281 906 275 0038 029 273 0281 906 275 0038 029 273 0281 906 275 0069 001 275 0069 001 275 0068 002	Transistor 2SB1586 Transistor 2SB1586 Transistor 2SK373(Y)TPE2  Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SK369(GR)-C Transistor 2SK369(GR)-C Transistor 2SK369(GR)-C Transistor 2SK369(GR)-C Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SK369(GR)-C Transistor 2SC2705(O)/(Y)TPE6		ZD743,744 ZD771~778 RESISTO: VR701,702 R603,604 R605,606 R607~610 R611,612 R613,614 R615,616 R617,618 R619,620 R621~624 R625~626 R641~644	276 0236 934 276 0173 987 276 0173 987 285 GROUP (r 211 6122 003 241 2448 737 241 2447 783 241 2434 767 241 2458 028 241 2455 047 241 2455 047 241 2455 047 241 2457 005 241 2447 76 241 2447 78 241 2447 78	Zener Diode HZ5C-1TE Zener Diode HZ6C-1TE  Zener Diode HZ6C-1TE  Adjust 20ohm  Carbon 75kohm 1/2W Carbon 47kohm 1/2W Carbon 1kohm 1/2W Carbon 10ohm 1/2W Carbon 10ohm 1/2W Carbon 47ohm 1/2W Carbon 47ohm 1/2W Carbon 33ohm 1/2W Carbon 47ohm 1/2W Carbon 100kohm 1/2W Carbon 100kohm 1/2W Carbon 100kohm 1/2W Carbon 100kohm 1/2W	RD05A2H753JF RMG RD05A2H473JF RMG RD05A2H473JF RMG RD05A2H102JF RMG RD05A2H100JF RMG RD05A2H100JF RMG RD05A2H101J RFA RD05A2H560JF RFA RD05A2H560JF RFA RD05A2H330J RFA RD05A2H473JF RMG RD05A2H473JF RMG RD05A2H100JF RMG RD05A2H100JF RMG RD05A2H473JF RMG
TR603,604   272   TR605,606   274   TR607,608   275   TR609-612   275   TR701,702   273   TR703-706   275   TR703-708   275   TR713,714   275   TR713,714   275   TR713,724   275   TR721,722   275   TR723,724   275   TR733-736   275   TR737,738   275   TR743,744   275   TR743,744   275   TR745-748   275   TR751,752   276,3754   276,3754   276,3754   276,3764   276,3764   276,3764   276,3764   276,3766   2	2 0128 008   4 0167 007   2 0128 008   5 0042 905   7 0038 029   7 0168 900   7 0168 900   7 0038 029   7 0168 900   7 016	Transis of 2SD2437  Transis of 2SB1586  Transistor 2SC2705(O)/(Y)TPE6  Transistor 2SC3705(O)/(Y)TPE6  Transistor 2SC3705(O)/(Y)TPE6  Transistor 2SC3705(O)/(Y)TPE6  Transistor 2SC3705(O)/(Y)TPE6  Transistor 2SA1145(O)/(Y)TPE6  Transistor 2SC4705(O)/(Y)TPE6  Transistor 2SC4705(O)/(Y)TPE6  Transistor 2SC4705(O)/(Y)TPE6  Transistor 2SC4705(O)/(Y)TPE6  Transistor 2SC3705(O)/(Y)TPE6		RESISTO: VR701,702  R603.604 R605.606 R607~610 R611.612 R613,614 R615,616 R617,618 R619,620 R621~624 R625~628 R641~644  R701,702 R703,704	276 0173 987  PS GROUP (r 211 6122 003  241 2448 737 241 2447 783 241 2458 028 241 2455 047 241 2455 047 241 2455 047 241 2455 05 241 2443 76 241 2447 78 241 2447 78	Adjust 200hm  Carbon 75kohm 1/2W Carbon 47kohm 1/2W Carbon 1kohm 1/2W Carbon 680ohm 1/2W Carbon 100hm 1/2W Carbon 47ohm 1/2W Carbon 100kohm 1/2W Carbon 100kohm 1/2W	RD05A2H753JF RMG RD05A2H473JF RMG RD05A2H473JF RMG RD05A2H102JF RMG RD05A2H100JF RMG RD05A2H100JF RMG RD05A2H101J RFA RD05A2H560JF RFA RD05A2H560JF RFA RD05A2H330J RFA RD05A2H473JF RMG RD05A2H473JF RMG RD05A2H100JF RMG RD05A2H100JF RMG RD05A2H473JF RMG
TR605,606 274 TR607,608 272 TR609-612 275 TR701,702 273 TR703-706 275 TR707,708 273 TR709-712 275 TR713,714 273 TR715-718 27 TR715-718 27 TR721,722 27 TR721,722 27 TR731,732 27 TR731,732 27 TR737,738 27 TR739-742 27 TR743,744 22 TR749,750 2 TR751,752 2 TR751,752 2 TR751,762 2 TR761,762 2 TR761,762 2 TR763,764 2 TR767,768 3 TR769,770 TR771-774 TR775,776 TR777,778	4 0167 007 2 0128 008 5 0042 905 3 0281 906 75 0038 029 73 0281 906 75 0038 029 73 0281 906 75 0068 002 273 0281 906 275 0068 002 273 0281 906 275 0038 029 273 0281 906 275 0038 029 273 0281 906 275 0038 029 273 0281 906 275 0038 029 273 0281 906 275 0038 029	Transistor 2SK373(Y)TPE2  Transistor 2SK373(Y)TPE2  Transistor 2SK369(GR)-C  Transistor 2SK369(GR)-C  Transistor 2SK369(GR)-C  Transistor 2SK369(GR)-C  Transistor 2SC2705(O)/(Y)TPE6  Transistor 2SK3145(O)/(Y)TPE6  Transistor 2SK215  Transistor 2SK215  Transistor 2SK215  Transistor 2SK216  Transistor 2SK2705(O)/(Y)TPE6  Transistor 2SK2705(O)/(Y)TPE6  Transistor 2SK369(GR)-C  Transistor 2SK2705(O)/(Y)TPE6  Transistor 2SK2705(O)/(Y)TPE6  Transistor 2SK215		RESISTON VR701,702  R603,604 R605,606 R607-610 R611,612 R613,614 R615,616 R617,618 R619,620 R621-624 R625-628 R641-644  R701,702 R703,704	241 2448 737 241 2448 737 241 2447 783 241 2458 028 241 2458 028 241 2455 047 241 2455 047 241 2455 047 241 2455 05 241 2447 783 241 2447 783 241 2447 783	Adjust 200hm  Carbon 75kohm 1/2W Carbon 47kohm 1/2W Carbon 1kohm 1/2W Carbon 680ohm 1/2W Carbon 100hm 1/2W Carbon 47ohm 1/2W Carbon 100kohm 1/2W Carbon 100kohm 1/2W	RD05A2H753JF RMG RD05A2H473JF RMG RD05A2H473JF RMG RD05A2H102JF RMG RD05A2H100JF RMG RD05A2H100JF RMG RD05A2H101J RFA RD05A2H560JF RFA RD05A2H560JF RFA RD05A2H330J RFA RD05A2H473JF RMG RD05A2H473JF RMG RD05A2H100JF RMG RD05A2H100JF RMG RD05A2H473JF RMG
TR607,608   272 TR609-612   275 TR701,702   273 TR703-706   275 TR707,708   273 TR709-712   275 TR713,714   275 TR719,720   277 TR721,722   27 TR723,724   27 TR733-736   27 TR733-736   27 TR739-742   27 TR743,744   27 TR745-748   27 TR745-748   27 TR751,752   27 TR751,776   7	2 0128 008 5 0042 905 73 0281 906 75 0038 029 73 0281 906 75 0038 029 73 0281 906 71 0168 900 73 0281 906 75 0068 002 273 0281 906 275 0038 029 273 0281 906 275 0038 029 273 0281 906 275 0038 029 273 0281 906 275 0038 029 273 0281 906 275 0068 001 275 0069 001	Transistor 2SK373(Y)TPE2  Transistor 2SK373(Y)TPE2  Transistor 2SK369(GR)-C  Transistor 2SK369(GR)-C  Transistor 2SK369(GR)-C  Transistor 2SK369(GR)-C  Transistor 2SC2705(O)/(Y)TPE6  Transistor 2SK3145(O)/(Y)TPE6  Transistor 2SK215  Transistor 2SK215  Transistor 2SK215  Transistor 2SK216  Transistor 2SK2705(O)/(Y)TPE6  Transistor 2SK2705(O)/(Y)TPE6  Transistor 2SK369(GR)-C  Transistor 2SK2705(O)/(Y)TPE6  Transistor 2SK2705(O)/(Y)TPE6  Transistor 2SK215		VR701,702  R603,604  R605,606  R607-610  R611,612  R613,614  R615,616  R617,618  R619,620  R621-624  R625-628  R641-644	241 2448 737 241 2448 737 241 2447 783 241 2458 028 241 2458 028 241 2455 047 241 2455 047 241 2455 005 241 2443 76 241 2447 78 241 2447 78	Adjust 200hm  Carbon 75kohm 1/2W Carbon 47kohm 1/2W Carbon 1kohm 1/2W Carbon 680ohm 1/2W Carbon 100hm 1/2W Carbon 47ohm 1/2W Carbon 100ohm 1/2W Carbon 47ohm 1/2W Carbon 100kohm 1/2W Carbon 100kohm 1/2W	RD05A2H753JF RMG RD05A2H473JF RMG RD05A2H473JF RMG RD05A2H102JF RMG RD05A2H100JF RMG RD05A2H100JF RMG RD05A2H101J RFA RD05A2H560JF RFA RD05A2H560JF RFA RD05A2H330J RFA RD05A2H473JF RMG RD05A2H473JF RMG RD05A2H100JF RMG RD05A2H100JF RMG RD05A2H473JF RMG
TR609-612 275 TR701,702 273 TR703-706 275 TR707,708 273 TR709-712 275 TR713,714 275 TR719,720 27 TR721,722 27 TR723,724 27 TR733-736 27 TR733-736 27 TR737,738 27 TR745-748 2 TR745-748 2 TR745-748 2 TR745-748 2 TR751,752 2 TR751,752 2 TR751,752 2 TR751,752 2 TR757,756 1 TR771-774 TR775,776 TR777,778	5 0042 905 73 0281 906 75 0038 029 73 0281 906 75 0038 029 73 0281 906 71 0168 900 73 0281 906 275 0068 002 273 0281 906 275 0038 029 273 0281 906 275 0038 029 273 0281 906 275 0038 029 273 0281 906 275 0069 001 275 0069 001	Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SK369(GR)-C Transistor 2SC3705(O)/(Y)TPE6 Transistor 2SC3705(O)/(Y)TPE6 Transistor 2SC3705(O)/(Y)TPE6 Transistor 2SC3705(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SC3705(O)/(Y)TPE6		VR701,702  R603,604  R605,606  R607-610  R611,612  R613,614  R615,616  R617,618  R619,620  R621-624  R625-628  R641-644	241 2448 737 241 2448 737 241 2447 783 241 2458 028 241 2458 028 241 2455 047 241 2455 047 241 2455 005 241 2443 76 241 2447 78 241 2447 78	Adjust 200hm  Carbon 75kohm 1/2W Carbon 47kohm 1/2W Carbon 1kohm 1/2W Carbon 680ohm 1/2W Carbon 100hm 1/2W Carbon 47ohm 1/2W Carbon 100ohm 1/2W Carbon 47ohm 1/2W Carbon 100kohm 1/2W Carbon 100kohm 1/2W	RD05A2H753JF RMG RD05A2H473JF RMG RD05A2H473JF RMG RD05A2H102JF RMG RD05A2H100JF RMG RD05A2H100JF RMG RD05A2H101J RFA RD05A2H560JF RFA RD05A2H560JF RFA RD05A2H330J RFA RD05A2H473JF RMG RD05A2H473JF RMG RD05A2H100JF RMG RD05A2H100JF RMG RD05A2H473JF RMG
TR701,702 273 TR703-706 275 TR707,708 273 TR709-712 275 TR713,714 273 TR715-718 27 TR719,720 27 TR721,722 27 TR723,724 27 TR733-736 27 TR737,738 27 TR737,738 27 TR743,744 2 TR745-748 2 TR745-748 2 TR751,752 2 TR751,752 2 TR751,752 2 TR751,762 2 TR761,762 2 TR763,764 2 TR765,766 2 TR769,770 TR771-774 TR775,776 TR777,778	73 0281 906 75 0038 029 73 0281 906 75 0038 029 73 0281 906 71 0168 900 73 0281 906 275 0068 002 273 0281 906 275 0038 029 273 0281 906 275 0038 029 273 0281 906 275 0038 029 273 0281 906 275 0038 029 273 0281 906 275 0069 001 275 0069 001	Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SK369(GR)-C Transistor 2SC3705(O)/(Y)TPE6 Transistor 2SC3705(O)/(Y)TPE6 Transistor 2SC3705(O)/(Y)TPE6 Transistor 2SC3705(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SC3705(O)/(Y)TPE6		R603.604 R605.606 R607~610 R611.612 R613,614 R615,616 R617,618 R619.620 R621~624 R625~626 R641~644 R701,702 R703,704	241 2448 737 241 2447 783 241 2434 767 241 2458 028 241 2440 706 241 2455 047 241 2455 047 241 2455 005 241 2443 76 241 2447 78 241 2448 76 241 2448 76	Carbon 75kohm 1/2W Carbon 47kohm 1/2W Carbon 1kohm 1/2W Carbon 680ohm 1/2W Carbon 100hm 1/2W Carbon 47ohm 1/2W Carbon 100ohm 1/2W Carbon 47ohm 1/2W Carbon 100kohm 1/2W Carbon 100kohm 1/2W	RD05A2H753JF RMG RD05A2H473JF RMG RD05A2H102JF RMG RD05A2H681J RFA RD05A2H100JF RMG RD05A2H560JF RFA RD05A2H560JF RFA RD05A2H330J RFA RD05A2H330J RFA RD05A2H471JF RMG RD05A2H473JF RMG RD05A2H100JF RMG RD05A2H100JF RMG RD05A2H100JF RMG
TR703-706 275 TR707,708 273 TR709-712 275 TR713,714 273 TR715-718 27 TR719,720 27 TR721,722 27 TR723,724 27 TR733-736 27 TR737,738 27 TR739-742 27 TR745-748 2 TR749,750 2 TR751,752 2 TR751,752 2 TR751,764 2 TR761,762 2 TR761,762 2 TR761,768 2 TR765,766 2 TR767,768 3 TR769,770 TR771-774 TR775,776 TR777,778	75 0038 029 73 0281 906 75 0038 029 73 0281 906 71 0168 900 73 0281 906 75 0068 002 273 0281 906 275 0038 029 273 0281 906 275 0038 029 273 0281 906 275 0038 029 273 0281 906 275 0038 029	Transistor 2SK369(GR)-C Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SC2105(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SK215 Transistor 2SK215 Transistor 2SL78 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SK369(GR)-C Transistor 2SK369(GR)-C Transistor 2SC3705(O)/(Y)TPE6 Transistor 2SK215		R605,606 R607~610 R611,612 R613,614 R615,616 R617,618 R619,620 R621~624 R625~628 R641~644	241 2447 783 241 2434 767 241 2458 028 241 2440 706 241 2455 047 241 2455 047 241 2455 005 241 2443 76 241 2447 783 241 2448 76 241 2440 70	Carbon 47kohm 1/2W Carbon 1kohm 1/2W Carbon 18ohm 1/2W Carbon 10ohm 1/2W Carbon 47ohm 1/2W Carbon 100ohm 1/2W Carbon 47ohm 1/2W Carbon 33ohm 1/2W Carbon 47ohm 1/2W Carbon 47ohm 1/2W Carbon 47kohm 1/2W Carbon 47kohm 1/2W Carbon 100kohm 1/2W Carbon 100kohm 1/2W	RD05A2H473JF RMG RD05A2H102JF RMG RD05A2H681J RFA RD05A2H100JF RMG RD05A2H560JF RFA RD05A2H101J RFA RD05A2H560JF RFA RD05A2H330J RFA RD05A2H471JF RMG RD05A2H473JF RMG RD05A2H104JF RMG RD05A2H100JF RMG RD05A2H100JF RMG RD05A2H473JF RMG
TR703-706 275 TR707,708 273 TR709-712 275 TR713,714 273 TR715-718 27 TR719,720 27 TR721,722 27 TR723,724 27 TR733-736 27 TR737,738 27 TR739-742 27 TR745-748 2 TR749,750 2 TR751,752 2 TR751,752 2 TR751,764 2 TR761,762 2 TR761,762 2 TR761,768 2 TR765,766 2 TR767,768 3 TR769,770 TR771-774 TR775,776 TR777,778	75 0038 029 73 0281 906 75 0038 029 73 0281 906 71 0168 900 73 0281 906 75 0068 002 273 0281 906 275 0038 029 273 0281 906 275 0038 029 273 0281 906 275 0038 029 273 0281 906 275 0038 029	Transistor 2SK369(GR)-C Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SC2105(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SK215 Transistor 2SK215 Transistor 2SL78 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SK369(GR)-C Transistor 2SK369(GR)-C Transistor 2SC3705(O)/(Y)TPE6 Transistor 2SK215		R605,606 R607~610 R611,612 R613,614 R615,616 R617,618 R619,620 R621~624 R625~628 R641~644	241 2447 783 241 2434 767 241 2458 028 241 2440 706 241 2455 047 241 2455 047 241 2455 005 241 2443 76 241 2447 783 241 2448 76 241 2440 70	Carbon 47kohm 1/2W Carbon 1kohm 1/2W Carbon 18ohm 1/2W Carbon 10ohm 1/2W Carbon 47ohm 1/2W Carbon 100ohm 1/2W Carbon 47ohm 1/2W Carbon 33ohm 1/2W Carbon 47ohm 1/2W Carbon 47ohm 1/2W Carbon 47kohm 1/2W Carbon 47kohm 1/2W Carbon 100kohm 1/2W Carbon 100kohm 1/2W	RD05A2H473JF RMG RD05A2H102JF RMG RD05A2H681J RFA RD05A2H100JF RMG RD05A2H560JF RFA RD05A2H101J RFA RD05A2H560JF RFA RD05A2H330J RFA RD05A2H471JF RMG RD05A2H473JF RMG RD05A2H104JF RMG RD05A2H100JF RMG RD05A2H100JF RMG RD05A2H473JF RMG
TR707,708 273 TR709-712 275 TR713,714 275 TR715-718 27 TR719,720 27 TR721,722 27 TR723,724 27 TR733-736 27 TR733-736 27 TR737,738 27 TR745-748 2 TR745-748 2 TR745-748 2 TR751,752 2 TR753,754 2 TR761,762 2 TR765,766 2 TR765,766 2 TR769,770 TR771-774 TR775,776 TR777,778	73 0281 906 75 0038 029 73 0281 906 71 0168 900 73 0281 906 75 0069 001 75 0068 002 273 0281 906 275 0038 029 273 0281 906 275 0038 029 273 0281 906 271 0168 900 273 0281 906 275 0069 001 275 0068 002	Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SK369(GR)-C Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SC41145(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SK215 Transistor 2SL78 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SK369(GR)-C Transistor 2SK369(GR)-C Transistor 2SK369(GR)-C Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6		R607-610 R611,612 R613,614 R615,616 R617,618 R619,620 R621-624 R625-626 R641-644	241 2434 767 241 2458 028 241 2440 706 241 2455 047 241 2456 020 241 2455 005 241 2443 76 241 2447 78 241 2447 78	Carbon 1kohm 1/2W Carbon 680ohm 1/2W Carbon 100hm 1/2W Carbon 470hm 1/2W Carbon 100ohm 1/2W Carbon 470hm 1/2W Carbon 330hm 1/2W Carbon 330hm 1/2W Carbon 470ohm 1/2W Carbon 47kohm 1/2W Carbon 47kohm 1/2W Carbon 100kohm 1/2W Carbon 100kohm 1/2W	RD05A2H102JF RMG RD05A2H681J RFA RD05A2H100JF RMG RD05A2H560JF RFA RD05A2H560JF RFA RD05A2H560JF RFA RD05A2H330J RFA RD05A2H471JF RMG RD05A2H473JF RMG RD05A2H104JF RMG RD05A2H100JF RMG RD05A2H100JF RMG
TR709-712 275 TR713,714 275 TR715-718 27 TR719,720 27 TR721,722 27 TR723,724 27 TR733-736 27 TR737,738 27 TR737,738 27 TR743,744 22 TR745-748 2 TR745-748 2 TR751,752 2 TR751,752 2 TR753,754 2 TR761,762 2 TR765,766 2 TR765,766 2 TR765,766 3 TR769,770 TR771-774 TR775,776 TR777,778	75 0038 029 73 0281 906 71 0168 900 73 0281 906 75 0069 001 75 0068 002 273 0281 906 275 0038 029 273 0281 906 275 0038 029 273 0281 906 271 0168 900 273 0281 906 271 0168 900 273 0281 906 275 0069 001 275 0068 002	Transistor 2SK369(GR)-C Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SC41145(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SK215 Transistor 2SK215 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SC3705(O)/(Y)TPE6		R611,612 R613,614 R615,616 R617,618 R619,620 R621-624 R625-626 R641-644	241 2458 028 241 2440 706 241 2455 047 241 2456 020 241 2455 047 241 2455 005 241 2443 76 241 2447 78 241 2447 78	Carbon 680ohm 1/2W Carbon 100hm 1/2W Carbon 470hm 1/2W Carbon 100ohm 1/2W Carbon 470hm 1/2W Carbon 330hm 1/2W Carbon 470ohm 1/2W Carbon 470ohm 1/2W Carbon 47kohm 1/2W Carbon 100kohm 1/2W Carbon 100kohm 1/2W	RD05A2H681J RFA RD05A2H100JF RMG RD05A2H560JF RFA RD05A2H560JF RFA RD05A2H560JF RFA RD05A2H330J RFA RD05A2H471JF RMG RD05A2H473JF RMG RD05A2H104JF RMG RD05A2H100JF RMG RD05A2H100JF RMG
TR713,714   273 TR715-718   27 TR719,720   27 TR721,722   27 TR731,732   27 TR733-736   27 TR737,738   27 TR739-742   27 TR745-748   27 TR749,750   27 TR751,752   27 TR751,762   27 TR761,762   27 TR761,762   27 TR761,768   27 TR765,766   27 TR765,766   27 TR767,768   27 TR771-774   TR775,776   TR777,778	73 0281 906 71 0168 900 73 0281 906 75 0069 001 275 0068 002 273 0281 906 275 0038 029 273 0281 906 275 0038 029 273 0281 906 271 0168 900 273 0281 906 275 0069 001 275 0069 001	Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SA1145(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SK215 Transistor 2SL78 Transistor 2SC2705(O)/(Y)TPE6		R613,614 R615,616 R617,618 R619,620 R621–624 R625–628 R641–644 R701,702 R703,704	241 2440 706 241 2455 047 241 2456 020 241 2455 047 241 2455 005 241 2443 76 241 2447 78 241 2448 76 241 2440 70	Carbon 100hm 1/2W Carbon 470hm 1/2W Carbon 1000hm 1/2W Carbon 470hm 1/2W Carbon 330hm 1/2W Carbon 4700hm 1/2W Carbon 47kohm 1/2W Carbon 47kohm 1/2W Carbon 100kohm 1/2W Carbon 100hm 1/2W	RD05A2H100JF RMG RD05A2H560JF RFA RD05A2H101J RFA RD05A2H560JF RFA RD05A2H330J RFA RD05A2H471JF RMG RD05A2H473JF RMG RD05A2H104JF RMG RD05A2H100JF RMG RD05A2H100JF RMG
TR715-718 27 TR719,720 27 TR721,722 27 TR723,724 27 TR731,732 27 TR733-736 27 TR737,738 27 TR739-742 27 TR745-748 2 TR749,750 2 TR751,752 2 TR751,752 2 TR753,754 2 TR761,762 2 TR765,766 2 TR767,768 7 TR769,770 TR771-774 TR775,776 TR777,778	71 0168 900 173 0281 906 175 0069 001 175 0068 002 173 0281 906 175 0038 029 173 0281 906 175 0038 029 173 0281 906 175 0069 001 175 0068 002	Transistor 2SA1145(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SK215 Transistor 2SJ78 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SK369(GR)-C Transistor 2SK369(GR)-C Transistor 2SK369(GR)-C Transistor 2SK369(GR)-C Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SA1145(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6		R615,616 R617,618 R619,620 R621–624 R625–628 R641–644 R701,702 R703,704	241 2455 047 241 2456 020 241 2455 047 241 2455 005 241 2443 76 241 2447 78 241 2448 76 241 2440 70	Carbon 47ohm 1/2W Carbon 100ohm 1/2W Carbon 47ohm 1/2W Carbon 33ohm 1/2W Carbon 470ohm 1/2W Carbon 47kohm 1/2W Carbon 100kohm 1/2W Carbon 100kohm 1/2W Carbon 100hm 1/2W	RD05A2H560JF RFA RD05A2H101J RFA RD05A2H560JF RFA RD05A2H330J RFA RD05A2H471JF RMG RD05A2H473JF RMG RD05A2H104JF RMG RD05A2H100JF RMG RD05A2H100JF RMG RD05A2H473JF RMG
TR719,720 27. TR723,724 27. TR723,724 27. TR731,732 27. TR733-736 27. TR739-742 27. TR745-748 27. TR745-748 27. TR753,754 27. TR761,762 27. TR765,766 27. TR765,766 27. TR769,770 TR771-774 TR775,776 TR777,778	273 0281 906 275 0069 001 275 0068 002 273 0281 906 275 0038 029 273 0281 906 275 0038 029 273 0281 906 271 0168 900 273 0281 906 273 0281 906 275 0069 001 275 0069 001	Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SK215 Transistor 2SL78 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SK369(GR)-C Transistor 2SK369(GR)-C Transistor 2SK369(GR)-C Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SK215		R615,616 R617,618 R619,620 R621–624 R625–628 R641–644 R701,702 R703,704	241 2455 047 241 2456 020 241 2455 047 241 2455 005 241 2443 76 241 2447 78 241 2448 76 241 2440 70	Carbon 47ohm 1/2W Carbon 100ohm 1/2W Carbon 47ohm 1/2W Carbon 33ohm 1/2W Carbon 33ohm 1/2W Carbon 47ohm 1/2W Carbon 47ohm 1/2W Carbon 47kohm 1/2W Carbon 100kohm 1/2W Carbon 100hm 1/2W	RD05A2H101J RFA RD05A2H560JF RFA RD05A2H330J RFA RD05A2H471JF RMG RD05A2H473JF RMG RD05A2H104JF RMG RD05A2H100JF RMG RD05A2H100JF RMG RD05A2H473JF RMG
TR721,722 27 TR723,724 27 TR731,732 27 TR733-736 27 TR737,738 27 TR739-742 27 TR745-748 2 TR745-748 2 TR751,752 2 TR753,754 2 TR761,762 2 TR765,766 2 TR765,766 2 TR767,768 3 TR769,770 TR771-774 TR775,776 TR777,778	275 0069 001 275 0068 002 273 0281 906 275 0038 029 273 0281 906 275 0038 029 273 0281 906 271 0168 900 273 0281 906 275 0069 001 275 0068 002	Transistor 2SK215 Transistor 2SJ78 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SK369(GR)-C Transistor 2SK369(GR)-C Transistor 2SK369(GR)-C Transistor 2SK369(GR)-C Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SA1145(O)/(Y)TPE6 Transistor 2SK215		R617,618 R619,620 R621–624 R625–628 R641–644 R701,702 R703,704	241 2456 020 241 2455 047 241 2455 005 241 2443 76 241 2447 78 241 2448 76 241 2440 70	Carbon 100ohm 1/2W Carbon 47ohm 1/2W Carbon 33ohm 1/2W Carbon 470ohm 1/2W Carbon 47kohm 1/2W Carbon 100kohm 1/2W Carbon 100kohm 1/2W Carbon 100hm 1/2W	RD05A2H560JF RFA RD05A2H330J RFA RD05A2H471JF RMG RD05A2H473JF RMG RD05A2H104JF RMG RD05A2H100JF RMG RD05A2H473JF RMG
TR723,724 27 TR731,732 27 TR733,736 27 TR737,738 27 TR739,742 27 TR743,744 22 TR745,750 2 TR751,752 2 TR753,754 2 TR761,762 2 TR763,764 2 TR765,766 2 TR767,768 3 TR769,770 TR771,778	275 0068 002 273 0281 906 275 0038 029 273 0281 906 275 0038 029 273 0281 906 271 0168 900 273 0281 906 275 0069 001 275 0068 002	Transistor 2SJ78 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SC369(GR)-C Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SC3705(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6		R619,620 R621-624 R625-626 R641-644 R701,702 R703,704	241 2443 76 241 2447 78 241 2448 76 241 2447 78 241 2440 70	Carbon 33ohm 1/2W Carbon 470ohm 1/2W Carbon 47kohm 1/2W Carbon 100kohm 1/2W Carbon 100kohm 1/2W Carbon 100hm 1/2W	RD05A2H330J RFA RD05A2H471JF RMG RD05A2H473JF RMG RD05A2H104JF RMG RD05A2H100JF RMG RD05A2H473JF RMG
TR731,732 27 TR733-736 27 TR737,738 27 TR739-742 27 TR743,744 2 TR749,750 2 TR751,752 2 TR753,754 2 TR761,762 2 TR765,766 2 TR767,768 7 TR769,770 TR771-774 TR775,776 TR777,778	273 0281 906 275 0038 029 273 0281 906 275 0038 029 273 0281 906 271 0168 900 273 0281 906 275 0069 001 275 0068 002	Transistor 2SC2705(O)/(Y)TPE6		R621-624 R625-626 R641-644 R701,702 R703,704	241 2443 76 241 2447 78 241 2448 76 241 2440 70	Carbon 470ohm 1/2W Carbon 47kohm 1/2W Carbon 100kohm 1/2W Carbon 100hm 1/2W	RD05A2H471JF RMG RD05A2H473JF RMG RD05A2H104JF RMG RD05A2H100JF RMG RD05A2H473JF RMG
TR733-736 27 TR737,738 27 TR739-742 27 TR743,744 27 TR745-748 2 TR749,750 2 TR751,752 2 TR753,754 2 TR763,764 7 TR765,766 7 TR767,768 7 TR767,768 7 TR771-774 TR775,776 TR777,778	275 0038 029 273 0281 906 275 0038 029 273 0281 906 271 0168 900 273 0281 906 275 0069 001 275 0068 002	Transistor 2SK369(GR)-C Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SK369(GR)-C Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SA1145(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6		R625-628 R641-644 R701,702 R703,704	241 2443 76 241 2447 78 241 2448 76 241 2440 70	Carbon 470ohm 1/2W Carbon 47kohm 1/2W Carbon 100kohm 1/2W Carbon 100hm 1/2W	RD05A2H473JF RMG RD05A2H104JF RMG RD05A2H100JF RMG RD05A2H473JF RMG
TR737,738 27 TR739-742 27 TR743,744 27 TR745-748 2 TR749,750 2 TR751,752 2 TR753,754 2 TR761,762 2 TR763,764 2 TR765,766 2 TR767,768 3 TR769,770 TR771-774 TR775,776 TR777,778	273 0281 906 275 0038 029 273 0281 906 271 0168 900 273 0281 906 275 0069 001 275 0068 002	Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SK369(GR)-C Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SA1145(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SK215		R701,702 R703,704	241 2447 78 241 2448 76 241 2440 70	Garbon 47kohm 1/2W Carbon 100kohm 1/2W Carbon 100hm 1/2W	RD05A2H104JF RMG RD05A2H100JF RMG RD05A2H473JF RMG
TR739-742 27 TR743,744 27 TR745-748 2 TR749,750 2 TR751,752 2 TR753,754 2 TR761,762 2 TR763,764 2 TR765,766 2 TR767,768 3 TR769,770 TR771-774 TR775,776 TR777,778	275 0038 029 273 0281 906 271 0168 900 273 0281 906 275 0069 001 275 0068 002	Transistor 2SK369(GR)-C Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SA1145(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SK215		R701,702 R703,704	241 2448 76 241 2440 70	6 Carbon 100kohm 1/2W 6 Carbon 10ohm 1/2W	RD05A2H100JF RMG RD05A2H473JF RMG
TR743,744 2 TR749,750 2 TR751,752 2 TR753,754 2 TR763,764 2 TR765,766 2 TR767,768 3 TR767,768 7 TR771,778	273 0281 906 271 0168 900 273 0281 906 275 0069 001 275 0068 002	Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SA1145(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SK215		R703,704	241 2440 70	6 Carbon 10ohm 1/2W	RD05A2H100JF RMG RD05A2H473JF RMG
TR745-748 2 TR749,750 2 TR751,752 2 TR753,754 2 TR763,764 2 TR765,766 4 TR767,768 7 TR771-774 TR775,776 TR777,778	271 0168 900 273 0281 906 275 0069 001 275 0068 002	Transistor 2SA1145(O)/(Y)TPE6 Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SK215		R703,704	241 2440 70	6 Carbon 10ohm 1/2W	RD05A2H473JF RMG
TR749,750 2 TR751,752 2 TR753,754 2 TR761,762 2 TR765,766 2 TR767,768 3 TR769,770 1 TR771-774 1 TR775,776 1 TR777,778	273 0281 906 275 0069 001 275 0068 002	Transistor 2SC2705(O)/(Y)TPE6 Transistor 2SK215	5	- 11	70		
TR751,752 2 TR753,754 2 TR761,762 2 TR763,764 2 TR765,766 2 TR767,768 3 TR769,770 1 TR771-774 1 TR775,776 1	275 0069 001 275 0068 002	Transistor 2SK215		1,05,700		3   Calbult At Hotels War.	
TR753,754 2 TR761,762 2 TR763,764 2 TR765,766 2 TR767,768 3 TR769,770 1 TR771-774 TR775,776 TR777,778	275 0068 002			11 5707 700			RD05A2H753JF RMG
TR761,762 2 TR763,764 2 TR765,766 2 TR767,768 3 TR769,770 TR771-774 TR775,776 TR777,778		Transistor 2SJ78		R707,708	1 .		RD05A2H102JF RMG
TR763,764 2 TR765,766 4 TR767,768 7 TR769,770 TR771-774 TR775,776 TR777,778	273 0281 906	CVMATRE	6	R709~71			RD05A2H681J RFA
TR765,766 TR767,768 TR769,770 TR771-774 TR775,776 TR777,778			0	H713,71	ı	1	RD05A2H330J RFA
TR767,768 7 TR769,770 TR771-774 TR775,776 TR777,778	275 0038 029	Transistor 2SK369(GR)-C		R715,71		4 274 47	RD05A2H56QJF RFA
TR769,770 TR771-774 TR775,776 TR777,778	273 0281 90	Transistor 2SC2705(O)/(Y)TPE	.0	R717,71	į		RD05A2H101J RFA
TR771-774 TR775,776 TR777,778	275 0038 02	Transistor 2SK369(GR)-C		R719,72	i		RD05A2H560JF RFA
TR771-774 TR775,776 TR777,778	273 0281 90	Transistor 2SC2705(O)/(Y)TPE	:b	R721,72			RD05A2H100J RMG
TR775,776		0 Transistor 2SA1145(U)/(Y)1P6	:6	R723-7	•	4 ******/	RD05A2H330J RFA
TR777,7778	273 0281 90	6 Transistor 2SC2705(U)/(Y) IPI	=6	R727-7		1	RD05A2H103J RMG
	275 0069 00	Transistor 2SK215		R731,7		142044	RD05A2H752J RMG
TR779,780	275 0068 00			R733,7	1		RD05A2H100JF RM0
				R735,7	1		RD05A2H682J RMG
D501,502	276 0049 9	14 Diode 1S2076ATE		R737,7			RD05A2H563JF RM
D503-506	276 0049 9	14 Diode 1S2076ATE		R739,7			RD05A2H100J RMG
D705-712		14 Diode 1S2076ATE		R741,7		and the smill	RD05A2H471JF RM
D713-716	1	14 Diode 1S2076ATE		R743,7			RD05A2H105JF RM
D715-732				R745,			RD05A2H474JF RM
D733,734	276 0049 9			R747,	1	4 4014/	RD05A2H181J RMC
1				R749.	1	100 by 1000	
D745-752	276 0049			R751,			RD05A2H100JF RN
D755,756		1		R753	754 241 2440	706 Carbon 10ohm 1/2W	RD05A2H473JF RA
D761-774	2/6 0049	JIH DIOUG FEET TO		R755		7 783 Carbon 47kohm 1/2W	
		952 Zener Diode HZ9C-1TE		R757	أورم برجا	8 737   Carbon 75kohm 1/2W	RD05A2H753JF RN
	04 276 0218	OTE		R759		4 767 Carbon 1kohm 1/2W	RD05A2H102JF R
	08 276 0249	- LUTTON OTT		R763		5 1 COOchm 1/2W	RD05A2H681J RF/
ZD619-622	22 276 0313	938 Zener Diode HZ20L-2TD 939 Zener Diode HZ3B-2TE	1	:: 6/03	,, O1   F-1, F-10	1	

			- Bamaka	Ref.No	Part .No	Part Name	Remaks
Ref.No	Part .No	Part Name	Remaks		254 4313 934	Electrolytic 220µF/25V	CE04W1E221M ASF
R765,766	241 2455 005	OBIDON SOSIEN III	RD05A2H330J RFA	0,00,	255 6175 034	Film 100pF/125V	CQ09S2B101KFB
R767,768	241 2445 047	Calbon Worth war	RD05A2H560JF RFA	Q	254 4356 739	Electrolytic 47µF/50V	CE04W1H470MC ARS
R769,770	241 2456 020	Carbon 100ohm 1/2W	RD05A2H101J RFA	Q. 00,	255 6167 000	Film 0.01µF/125V	CO09S2B103KF B
R771,772	241 2445 047	Carbon 47ohm 1/2W	RD05A2H560JF RFA	C767,768	254 4356 713	Electrolytic 100µF/50V	CE04W1H101MC ARS
R773-776	241 2440 706	Carbon 10ohm 1/2W	RD05A2H100J RMG	C769,770	255 6187 0 <b>4</b> 8	Film 0.0047µF/125V	CQ09S2B472KF B
R777-780	241 2455 005	Carbon 33ohm 1/2W	RD05A2H330J RFA	C769,770	255 6181 002	Film 10pF/400V	CO09S2G100KF B
R781,782	241 2438 789	Carbon 10kohm 1/2W	RD05A2H103J RMG		255 6177 948	Film 100pF/50V	CQ09S1H101J SMT
R783,784	241 2445 798	Carbon 7.5kohm 1/2W	RD05A2H752J RMG	C773,774	255 4235 743	Film 0.022µF/100V	CO93P2A223JC NH
R785,786	241 2440 706	Carbon 10ohm 1/2W	RD05A2H100JF RMG	C775,776	256 1035 936	Film 0.33µF/50V	CF93A1H334J
R787,788	241 2438 776	Carbon 6.8kohm 1/2W	RD05A2H682J RMG	C777,778	255 6176 004	Film 0.001µF/125V	CO09S2B102JF B
R789,790	241 2448 708	Carbon 56kohm 1/2W	RD05A2H563JF RMG	C779-782	256 1045 007	1	CF93B1J105K SA
	241 2440 706		RD05A100J RMG	C783,784	230 1043 001	,	
R791,792	241 2443 761		RD05A2H471JF RMG				
3,794	241 2450 796	1	RD05A2H105JF RMG	OTHER F			7
R795,796	241 2450 725		RD05A2H474JF RMG	RL501506	214 0172 003	Relay (RY12W-OH)	
R797,798	271 2700 120	-		RL701,702			
			J				
CAPAC	TORS GROU	P	CO09S2B103K B	CN205,200	205 0653 03	3P VH Connector Base	
C601-60	4 255 6167 00	Film 0.01µF/125V	,	CN401	205 0296 03	7 3P EH Connector Base (Y	W)
C605-60	1	Electrolytic 100µF/50V	CE04W1H101MC ARS	CN402	205 0278 03	9 3P EH Connector Base (B	K)
C611-61		0 Film 0.01μF/125V	CQ09S2B103K B	CN403,40	1	1 6P EH Connector Base	
C615-61		3 Electrolytic 100µF/50V	CE04W1H101MC ARS	CN501,50		8 6P EH Connector Base (6	
C619-62	1	9 Electrolytic 47µF/50V	CE04W1H470MC ARS	CN501,50	205 0278 05	5 SP EH Connector Base (F	
C623-62	1055 74		CE04W1H471 ARS	CN503	205 0276 05		
C627-6	i		CO09S2B103K B	CN505	205 0233 0	32 3P EH Connector Base	
002,-0				CN505	205 0277 0	30 3P EH Connector Base (	
C701,70	2 255 6167 0	12 Film 470pF/125V	CQ09S2B471KF B	11	205 0296 0	53 5P EH Connector Base (	YW)
C701,70	2000 7		CE04W1H470MC ARS	CN507	205 0277 0		(RO)
C705,70			CQ09S2B103KF B	CN508	_	<b>1</b>	
C705,70	4055 7		CE04W1H101MC ARS	CN603,6	l	. n	
1			CQ09S2B472KF B	CN605,6		0.00	
709,7	1	1	CQ09S2G470KF B	CN701.7			
11,7			CQ09S2B101KF B	CN703,7	U4   203 0033 1		
C713,7			CE04W1H221MC ARS				
C715~		1	CQ09S2B103KF B				
C719,7		l cocu	CE04W1E221M ASF	11			
C721-		1	CO93P2A223JC NH				
C725,		CHOCH	CQ09S2B472KF B				
C727,		1	CE04W1E221M ASF				
C729,			CQ09S2B471KF B				
C731,			CE04W1H470MC ARS	3			
C733,	1		CQ09S2B103KF B				
C735,			CE04W1H101MC AR	s			
C737			CO09S2B472KF B				
C739		1	CQ09S2G470KF B				
C741			CQ09S2B101KF B	11			
C743				s			
C745			CQ09S2B103KF B				
C749	750 255 616	7 000 Film 0.01µF/125V		-			
C75	1-754 254 436		CQ93P2A223JC NH				
C75	5,756 255 423	5 743 Film 0.022µF/100V	CQ93F2A2233C RVI				
•	7,758 255 618	7 047 Film 0.0047µF/125V	COMPANIE D	11			

. 2753) [	POWEF	AM	P & 0	SC UNIT (Power	, Olik)		4 1)0	Part	No.	Part	Name	H	lemaks
			Part	Name	Remaks		f.No						
lef.No	Part .N						SISTOF			Adjust 4	7kohm (CERMET)	V06PE	3472 (CERMET)
SEMICON	DUCTOF	₹S GR	OUP			VF	R301,302	211 607					
IC101	268 0073	905	IC ICP-N			- 11				Malai OX	ide film 0.47ohm 1W	RS14E	32E3AR47JNBST(S)
IC151	262 2151		IC TLP62			R	151-154	244 20			ming type)	1	1
IC201	263 0516		IC NJM7			11			•	(MOH-00	1Kohm 1/4W	RD14	IB2E102JNBST
IC202	263 0507			78M15FA		P	1 <b>15</b> 5	241 23	379 987	(Non-b)	irning type)		_
IC203	263 056	1	IC NJM7	915FA						Carpon	47Kohm 1/4W	RD1	4B2E473JNBST
IC204,205	265 003		IC NJM				R156	244 2	<b>383 9</b> 86	1			
IC301,302		<b>14 00</b> 3	IC M521	19P		- 11				Motal	ilm 100Kohm 1/4W 1	% RN1	4K2E104F
1004	1						R217	1	342 000	Metal	ilm 8.2Kohm 1/4W 1	%  RN1	4K2E822F
TR151	271 010	02 908	Transis	stor 2SA1015(Y)TPE2		- 11	R218		2318 005	1	n 10ohm 1/4W	RD'	14B2E100JNBST
11112						- 11	R247,249	241	2375 907	Caro	ourning type)		
TR201	275 00	39 002	Transis	stor 2SK362(GR)/(BL)						1	n 10ohm 1/4W	RO	14B2E100JNBST
TR202-2	273 01		Transis	slor 2SC1815(BL)TPE2		- 11	R253	241	2375 907		burning type)		1
TR205	271 0	102 908	Transi	istor 2SA1015(Y)TPE2						1.	film 390ohm 1/4W 1	% RN	114K2E391F
TR206,20	1	198 918	Transi	istor 2SC1815(BL)TPE2		11	R265	245	2289 008	1		- 1	
TR210		253 918	Trans	sistor 2SC2878(A/B)TPE2							ıl film 2.2Kohm 1/4W	1% RI	N14K2E222F
TR215-	1	198 918	a Trans	sistor 2SC1815(BL)TPE2		11	R304		5 2304 00	- 1	al liim 2Kohm 1/4W 1	%  R	NIAKZEZUZI
TR220,2	i	198 918	8 Trans	sistor 2SC1815(BL)TPE2		11	<b>P.30</b> 5		5 2303 00	1	oon 100ohm 1/4W	R	ID14B2E101JNBST
TR223		0136 01	2 Trans	sistor 2SD1913(RVS)		11	R311,31	2 24	1 2377 94				
		0198 91	a Trans	asistor 2SC1815(BL)TPE2	_	11		- 1		1	n-burning type) bon 100ohm 1/4W	F	RD14B2E101JNBST
TR231	050	0026 90	n Tran	nsistor RN2202(10K-10K)T		11	R315,3	16 24	41 2377 9	47 Car	DOU TOOCHIL 15411	Ì	
TR233	1074	0136 01	to Tran	nsistor 2SD1913(R/S)		11				1.	on-burning type)	\ <sub>1</sub>	RD14B2E470JNBST
TR234		0042 90		nsistor 2SK373(Y)TPE2		11	R317,3	18 2	41 2376 9		rbon 47ohm 1/4W	1	
TR235	2,3	•••	1							1.	on-burning type)	1	RD14B2E470JNBST
	277	3 0235 9	23 Tra	ensistor 2SC18414-T(E/F)		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	R319,	320 2	241 2376 9		irbon 47ohm 1/4W	1	
TR301		0131 9	224 Tra	ansistor 2SA988-T(E/F)		1	1	-		1.	on-burning type)	Ì	RD14B2E102JNBST
TR303	107	1 0131 9	ooa   Tra	ansistor 2SA988-T(E/F)		1	R321-	-324	241 2379		arbon 1Kohm 1/4W	1	
TR304	' 1	3 0235	923 Tra	ansistor 2SC18414-T(E/F)				1		1.	ion-burning type)		RW99=3HR33K
TR30		4 0136	012   Tri	ansistor 2SD1913(R/S)			R325		243 2039		/inding 0.33ohm 5W Netal film 18Kohm 1/4	W 1%	RN14K2E183F
TR30		4 0136	012 Tr	ransistor 2SD1913(RVS)			R331	, }	245 2325		Aetal film tokonin 174 Aetal film 22Kohm 174	W 1%	RN14K2E223F
TR31	`` \	72 0093	010 Tr	ransistor 2SB1274(RVS)			R332	2	245 2327		Aetal IIIm 22 Kurun 17	•••	RD14B2E4R7JNBST
TR31		75 0043		ransistor 2SK381(C)			R34	1,342	241 2387	7 940	Carbon 4.7ohm 1/4W		
1113	16,317 27	,5 00	1				11		1	1	(Non-burning type) Metal oxide film 10oh	m 1W	RS14B3A100JNBST
		76 0553	3 905	Diode 1SR35-200A(T93X)			R35	۵	244 204				
1		76 0424	4 005	Diode 4D4B42(LC1)			11		1	1	(Non-burning type)		
D10	1	276 004	0 914 1	Diode 1S2076ATE			11						
D15	٠.	276 055	3 905	Diode 1SR35-200A(T93X)	1		11-	A DA CI	TORS G	ROUP			10000
1	• -	276 055 276 055	2 005	Diode 1SR35-200A(T93X)	}		1	APACI	More po	23,008	Film 0.01µF/250VA		CF93A2EAC103M
l l	,	276 055		Diode 1SR35-200A(T93X	.)				250 00	)42 <b>9</b> 03	Metallized 0.1µF/25	٥٧	CF93A2E104KT
02		276 037	70 900	Diode 1SS106TD			- 11	102		180 000	Electrolytic 4700µF	<b>/63</b> V	CE68W1J472M DL
	[	276 05	,	Diode 1SR35-200A(T93)	9		C	105,106			Metallized 0.01µF/	250VAC	CF93A2EAC103M
D2			53 905	Diode 1SR35-200A(T93)	A)		c	108		023 006	1 400	50V	CEUGHTITTO
1	·''		553 905	Diode 1SR35-200A(T93)	x)			151	1	313 950	- encoul	AC	CF93A2EAC103M
,	221			Diode 1S2076ATE			ΔC	152		023 006	- FOU	Section 1	(COSTALL ISSUE)
D	303-310		049 914					201,202		1035 936	. Fret	V	CE04W1H010MT
. 0	)315	276 00	049 914	Dioce 15				203		4313 963	n:=-01/		CQ92M1H104JT
				Zener Diode HZ5B-1TE			- 11 -	C205		4199 902			CO92M1H104JT
7	ZD209		236 905	vero 175	<u> </u>		- 11 -	<b>C2</b> 07,20		4199 907		: (EOV	CE04W1H101MT
\ ;	ZD225		236 905		E \		11	C210	254	4313 95	Electrolytic 100µI	EU/	CE04W1H220M7
1 :	ZD227-229		0218 952		F		- 11	C211	254	4313 92	1 Electrolytic 22µF	301	
	ZD301-304	4 276 (	<b>J299 92</b> 6	Zener Diode NZ30-11									
	ZD311,312	1	0220 911	Zener Diode HZ24-1TE									

C212,213 C214 C215,216 C217,218 C219 C220 C222 C221 C223 C224 C226 C227	255 4199 902 254 4313 947 254 4313 921 254 4387 012 254 4313 918 254 4250 929 254 4387 708 254 4313 934 254 4313 921 254 4481 905	Film 0.1µF/50V Electrolytic 4.7µF/50V Electrolytic 22µF/50V Electrolytic 220µF/50V Electrolytic 10µF/50V Electrolytic 100µF/6.3V Electrolytic 470µF/50V Electrolytic 47µF/50V	CC92M1H104JT MRZ CE04W1H4R7MT ASF CE04W1H220MT ASF CE04W1H222M ASF CE04W1H100MT ASF CE04W0J101MT SME	△SWI01 CN020 CN101	212 1031 008 212 0365 005 205 0581 001	Power Switch (TV-5)  Rotary Switch (25)  2P VH Connector Base	
C214 C215,216 C217,218 C219 C220 C222 C221 C223 C224 C226	254 4313 947 254 4313 921 254 4387 012 254 4313 918 254 4250 929 254 4387 708 254 4313 934 254 4313 921	Electrolytic 4.7µF/50V Electrolytic 22µF/50V Electrolytic 220µF/50V Electrolytic 10µF/50V Electrolytic 100µF/6.3V Electrolytic 470µF/50V	CE04W1H220MT ASF CE04W1H222M ASF CE04W1H100MT ASF	CN020		· · · · · · · · · · · · · · · · · · ·	
C215,216 C217,218 C219 C220 C222 C221 C223 C224 C226	254 4313 921 254 4387 012 254 4313 918 254 4250 929 254 4387 708 254 4313 934 254 4313 921	Electrolytic 22µF/50V Electrolytic 220µF/50V Electrolytic 10µF/50V Electrolytic 100µF/6.3V Electrolytic 470µF/50V	CE04W1H222M ASF CE04W1H100MT ASF		205 0581 001	2P VH Connector Base	
C217,218 C219 C220 C222 C221 C223 C224 C226	254 4387 012 254 4313 918 254 4250 929 254 4387 708 254 4313 934 254 4313 921	Electrolytic 220µF/50V Electrolytic 10µF/50V Electrolytic 100µF/6.3V Electrolytic 470µF/50V	CE04W1H100MT ASF	CN101			
C219 C220 C222 C221 C223 C224 C226	254 4313 918 254 4250 929 254 4387 708 254 4313 934 254 4313 921	Electrolytic 10µF/50V Electrolytic 100µF/6.3V Electrolytic 470µF/50V			205 0948 000	3P VH Connector Base	
C220 C222 C221 C223 C224 C226	254 4250 929 254 4387 708 254 4313 934 254 4313 921	Electrolytic 100µF/6.3V Electrolytic 470µF/50V	CE04W0J101MT SME	CN102	205 0581 098	3P VH Connector Base	
C222 C221 C223 C224 C226	254 4387 708 254 4313 934 254 4313 921	Electrolytic 470µF/50V		CN103	205 0833 034	3P VH Connector Base (YW)	
C221 C223 C224 C226	254 4313 934 254 4313 921	Electrobatic 47 - EIRAN	CE04W1H471MT ASF	CN104A,B	205 0233 074	7P EH Connector Base	
C223 C224 C226		LEGISONY IN TIME INC.	CE04W1H470MT ASF	CN1068	205 0190 036	3P NH Connector Base	
C224 C226	254 4481 905	Electrolytic 22µF/50V	CE04W1H220MT ASF	CN120	205 0453 003	2P VH Connector Base (L)	
C226		Electrolytic 1µF/100V	CE04W2A010MT ASF	CN151	205 0833 018	3P VH Connector Base (BK)	
1	253 1100 901	Ceramic 100pF/50V	CK45B1H101KT	CN152A	205 0947 001	2P VH Connector Base (BU)	
	254 4313 921	Electrolytic 22µF/50V	CE04W1H220MT ASF	CN152B	205 0581 085	2P VH Connector Base	
C228	254 4313 934	Electrolytic 47µF/50V	CE04W1H470MT ASF	CN201A,B	205 0233 032	3P EH Connector Base	
C229	254 4313 921	Electrolytic 22µF/50V	CE04W1H220MT ASF	CN202	205 0233 032	3P EH Connector Base	
C231	254 4452 701	Electrolytic 47µF/50V	CE04W1H470MT ASF	CN203A,B	205 0233 045	4P EH Connector Base	
C231	254 4313 918	Electrolytic 10µF/50V	CE04W1H100MT ASF	CN301,302	205 0833 005	3P VH Connector Base (RD)	
C242	254 4250 929	Electrolytic 100µF/6.3V	CE04W0J101MT SME	CN507B	205 0278 039	3P EH Connector Base (BK)	
C243	254 4313 950	Electrolytic 100µF/50V	CE04W1H101MT ASF	CN5088	205 0296 037	3P EH Connector Base (YW)	
C244	255 1251 911	Film 0.0022µF/50V	CQ92M1H222JT MRZ				5.75 KS 380 SK 4.50
C245	253 9036 909	Ceramic 0.1µF/25V	CK45=1E104ZT	<b>∆FI</b> 01-	206 1035 067	Fuse T2.5A	
C251	253 1181 904	Ceramic 0.01µF/50V	CK45F1H103ZT (DD-3)	Δ£103,104	206 1035 009	Fuse T3.15A	
C251	254 4313 963	Electrolytic 1µF/50V	CE04W1H010MT ASF				
C262	254 4313 918	Electrolytic 10µF/50V	CE04W1H100MT ASF	TP001,002	205 0653 036	3P VH Connector Base.	
C301	256 1035 091	Metallized 1µF/50V	CF93A1H105J				
C302	254 4313 918	Electrolytic 10µF/50V	CE04W1H100MT ASF				
C303	255 1251 940	Film 0.0047µF/50V	CO92M1H472JT MRZ				
C304	255 4199 902	Film 0.1µF/50V	CQ92M1H104JT MRZ				
C305	254 4313 918	Electrolytic 10µF/50V	CE04W1H100MT ASF				
C308	254 4313 798	Electrolytic 220µF/50V	CE04W1H221MC ASF				
C309	255 6152 099	Film 10pF/250V	CO09S2E100J				
C310,311	254 4313 798	Electrolytic 220µF/50V	CE04W1H221MC ASF				
C312	253 1100 901	Ceramic 100pF/50V	CK45B1H101KT				
C313	254 4313 798	Electrolytic 220µF/50V	CE04W1H221MC ASF			ļ	
C315-318	254 4313 798	Electrolytic 220µF/50V	CE04W1H221MC ASF				
C319	254 4313 934	Electrolytic 47µF/50V	CE04W1H470MT ASF	li			
C321	255 4224 903	Film 0.047µF/50V	CO92M1H473JT MRZ				
C324	ł	<u> </u>	CQ93M1H471JT				
C327,328	254 4313 918		CE04W1H100MT ASF	11			
C341~344	255 4199 986	Film 0.001µF/50V	CQ92M1H102JT MRZ	11			
C351	256 1035 091	Metallized 1µF/50V	CF93A1H105J				
C352	255 4199 986	Film 0.001µF/50V	CO92M1H102JT MRZ				
C353,354	254 4313 934	Electrolytic 47µF/50V	CE04W1H470MT ASF				
OTHER F	PARTS						
	214 0142 004	Relay(TV-5)		11	1		
RLIS1	ł	1. 1					
RL201	214 0127 003	1					
RL301	214 0142 004	Relay(TV-5)					
<b>P0</b> 01	279 0034 041	Posistor (PTH9M04BD222TS2F333)					
		(F ( TISMUNDUZZZ ) 32F333)					

# (1U-2754)POWER SUPPLY UNIT(Power Unit)

# (1U-2829) CONTROL UNIT (Control Unit)

Ref.No	Part .No	Part Name	Remaks	Ref.No	Part .No	Part Name	Remaks
SEMICON	DUCTORS G	ROUP		SEMICON	DUCTORS G	ROUP	<u></u>
	276 0348 000	Diode S2K20F		IC801,802	263 0917 008	IC LB1710	
D501~508	276 0348 000	Diode S2K20F		IC803	<b>2</b> 62 0849 005	IC HD74HC10P	
D601	393 9517 904	LED SEL-2410E(TP2)		IC804	262 1434 008	IC TC74HC11AP	
				<b>1C80</b> 5	263 0986 000	IC NJM7820FA(S)	
				I <b>C8</b> 06	263 0809 006	IC NJM7805FA(S)	
		L. Juded Carbon Elle	- +E9/ 1/4W tupo)	IC807	263 0801 004	IC NJM7812FA(S)	
RESISTOR		not included Carbon File		IC808	262 1321 001	IC TC74HC32AP	
R401-404	241 2447 084	Carbon 47kohm 1/2W	RD05A2H473J RMG			,	
R501-504	241 2447 084	Carbon 47kohm 1/2W	RD05A2H473J RMG	TR801,802	273 0198 918	Transistor 2SC1815(BL)TPE2	
				TR806-811	273 0198 918	Transistor 2SC1815(BL)TPE2	
				TR812	271 0102 908	Transistor 2SA1015(Y)TPE2	
CAPACITO	ORS GROUP			TR815	271 0102 908	Transistor 2SA1015(Y)TPE2	
	254 4435 715	Electrolytic 100µF/50V	CE04W1H101MC ARSA	TR616,817	273 0198 918	Transistor 2SC1815(BL)TPE2	
C401-404	254 4461 721	Electrolytic 4700µF/50V	CE04W1H472MC ARS	TR818	271 0102 908	Transistor 2SA1015(Y)TPE2	
C405~408	256 8023 006	Metallized 0.01;1F/250VAC	CF93A2EAC103M	TR819-821	273 0198 918	Transistor 2SC1815(BL)TPE2	
C409,410	254 4435 715	Electrolytic 100µF/50V	CE04W1H101MC ARSA	TR813,814	273 0198 918	Transistor 2SC1815(BL)TPE2	
C501~504	254 4461 721	Electrolytic 4700µF/50V	CE04W1H472MC ARS	TR822	269 0029 907	Transistor RN1204	
C505-508	256 8023 006	Metallized 0.01µF/250VAC	CF93A2EAC103M	TR823	273 0198 918	Transisior 2SC1815(BL)TPE2	
C509,510	230 0023 000	Wickington old it.					
				D101-110	276 0049 914	Diode 1S2076ATE	
			L	D113-116	276 0049 914	Diode 1S2076ATE	
OTHER P	ARTS			D801-825	276 0432 903	Diode 1SS270A	
CN106B	205 0190 036	3P NH Connector Base		D827-836	276 0432 903	Diode 1SS270A	
CN501,502	205 0907 009	6P VH Connector Base(RD)				·	
CN503,504	205 0653 065	6P VH Connector Base		ZD801	276 0469 905	Zener Diode HZS9C-1TD	
CN505,506	205 0653 081	8P VH Connector Base		ZD804,805	276 0469 905	Zener Diode HZS9C-1TD	
CN507A	205 0278 039	3P EH Connector Base(BK)		ZD806	276 0466 908	Zener Diode HZS7C-1TD	
CN508A	205 0296 037	3P EH Connector Base(YW)					
				LD701	393 9517 904	LED SEL-2410E(TP2)	
				RESISTO	RS GROUP	not included Carbon Film	n ±5% 1/4W type
				B791,792		Carbon 270ohm 1/2W	RD05A2H271JF RM
	1	·		R793,794	3	Carbon 330ohm 1/2W	RD05A2H331JF RM
				R795,796	241 2443 745		RD05A2H391JF RM
				R797,798	241 2444 715	i	RD05A2H751JF RM
				R801-814	244 2043 908	134 COO-b- 434	RS14B3A681JNBST
				1001-014	24, 20,000	(Non-burning type)	
				R871-878	244 2043 908		RS14B3A681JNBST
				110.1-0.0	21,20,000	(Non-burning type)	
					<u> </u>		<u></u>
				CAPACI	TORS GROU		
				C101-110	254 4313 950		CE04W1H101MT AS
				C113-116	254 4313 950	t e	CE04W1H101MT AS
				C801	254 4313 976	Electrolytic 2.2µF/50V	CE04W1H2R2MT A
				C802	254 4368 705		CE04W1E100MT AS
				C803	254 4368 734	Electrolytic 100µF/25V	CE04W1E101MT AS
				C804	254 4368 705	Electrolytic 10µF/25V	CE04W1E100MT AS
				C805	254 4368 905	Electrolytic 10µF/25V	CE04W1E100MT AS
		1	į.	1.1	1	Electrolytic 10µF/25V	CE04W1E100MT AS

# PARTS LIST OF PACKING & **ACCESSORIES**

# **CNTROL UNIT**

Ref.No	Part No	Part Name	Remaks	Q'ty
	505 9102 019	Poly Cover	900 x 450	1
	504 9102 029	Styrene Paper	900 x 700	1
	503 9268 009	Cushion		2
	501 9263 011	Carton Case		1

RL101-110 RL113-116	214 0172 003 214 0172 003	Relay (RY12W-OH) Relay (RY12W-OH)	
SW801,802 SW803 SW804 SW805A-D	212 1115 005 212 0357 013 212 0358 009 212 0364 006	2P Push Switch Rotary Switch(1-7) Rotary Switch(2-4) Rotary Switch(4-11)	INPUT SELECT RECYOUT SELEC
CN203B,204B CN251B,252B		3P EH Connector Base (RD) 3P EH Connector Base	

205 0278 039

205 0276 031

205 0296 037

205 0271 007

205 0321 009

205 0277 069

205 0296 066

205 0276 060

205 0296 037

205 0278 039

205 0233 061

205 0278 055

205 0276 057

205 0277 056

205 0233 032

205 0296 037

205 0271 081

205 0271 052

205 0322 053

205 0322 037

CN253B,254B

CN255B,256B

CN257B.258B

CN301A,B

CN302A,B

CN303,304

JN305,306

CN307,308

CN401B

CN402B

CN503B

CN504B

CN508B

CN605,606

CN705A,B

CN801A,B

CN802A.B

CN810A,B

CN851A,B

CN403A,404A

3P EH Connector Base (BK)

3P EH Connector Base (BU)

3P EH Connector Base (YW)

10P PH Connector Base (RD)

6P EH Connector Base (RD)

6P EH Connector Base (YW)

6P EH Connector Base (BU)

3P EH Connector Base (YW)

3P EH Connector Base (BK)

5P EH Connector Base (BK)

5P EH Connector Base (BU)

5P EH Connector Base (RD)

3P EH Connector Base (YW)

5P PH Connector Base (BU)

3P PH Connector Base (BU)

3P EH Connector Base

8P PH Connector Base

5P PH Connector Base

6P EH Connector Base

10P PH Connector Base

# POWER UNIT

Ref.No	Part No	Part Name	Remaks	
	505 9102 019	Poly Cover	900 x 450	1
	504 9102 029	Styrene Paper	900 x 700	1
<u> </u>	503 9268 009	Cushion		2
	501 9263 008	Carton Case		1
			205 200	1
	505 8006 019	Envelope	225 x 380	1
	511 9394 000	Operating Instructions		1
	515 0671 106	Service Station List (EX)		
				1
	505 0076 115	Poly Cover		2
	204 6505 004	12P DC Cord	Europe Only	
Δ		AC Cord With Plug:	U.S.A Only	1
	515 0690 006	DEL Warranty Home	0.05(01.7)	
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# WARNING:

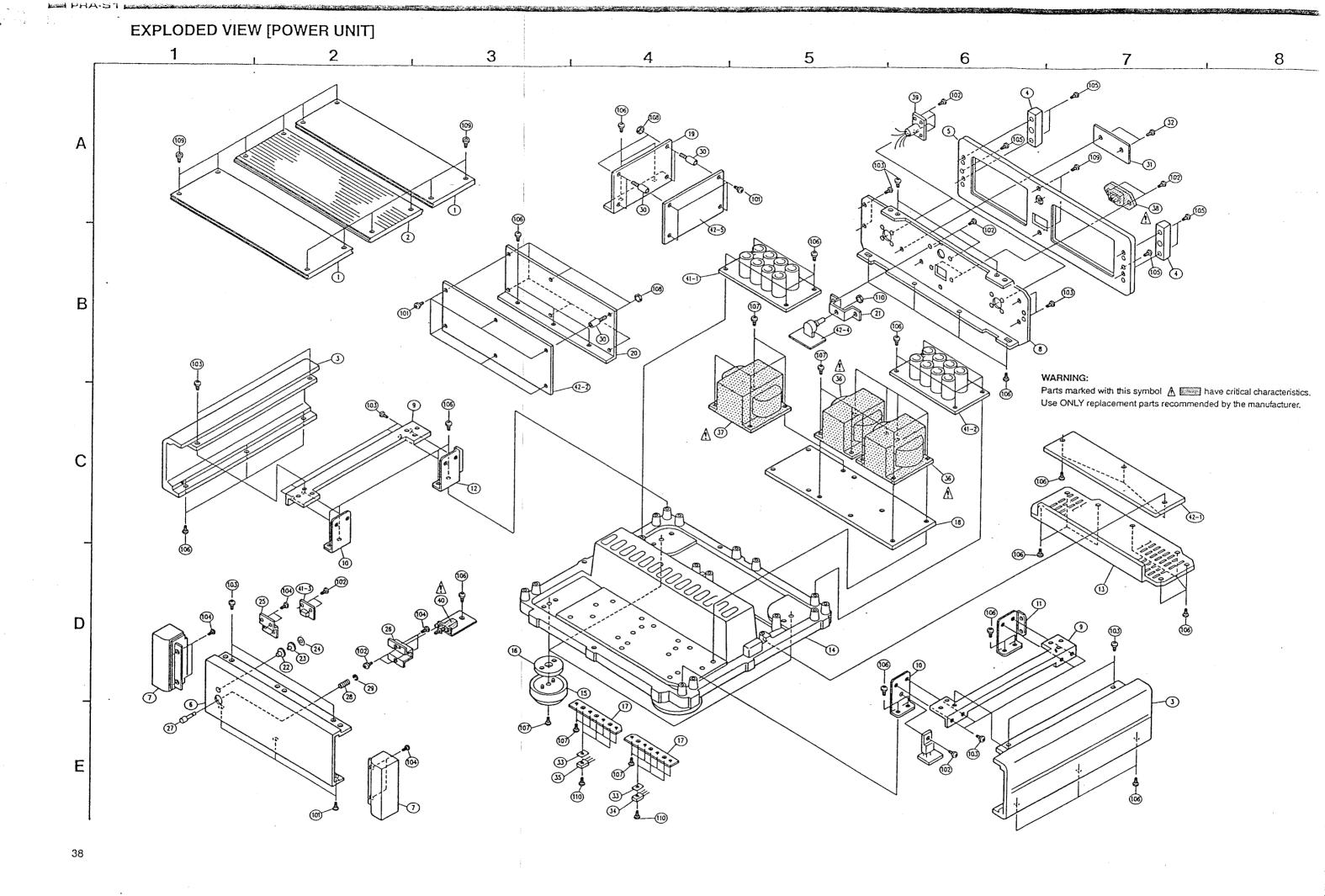
- Parts marked with \* △ \* and/or shading have special characteristics important to safety.
- Part indicated with the mark \* ® \* are not always in stock and possibly to take a long period of time for supplying, or in some case supplying of part may be refused.

# PARTS LIST OF EXPLODED VIEW (UPRAS1-C)

lef.No	Part No	Part Name	Remaks	Ref.No	Part No	Part Name	Remaks
1	144 9199 005	Top Plate		43	203 5039 002	3P Cannon Connector	
2	144 9200 017	Top Grille		44	204 6511 001	12P DC Connector(2)	
3	144 2301 308	Side Panel		45	GEN 3175	Atteneuator Sub	
4	144 2302 103	Back Foot		46	414 9078 009	Dust Cap-SDC	
5	144 9204 107	Rear Panel (C)-1					
6	GEN 7668	F.P Guide (C) Sub Ass		101	471 3832 008	4x8 CBS-CU	
7	144 2300 008	Side ESC		102	473 7002 021	3x8 CBTS (S)-B	
8	105 9248 304	Rear Panel (C)-2		103	473 8034 001	3x8 CBTS (S)-CU	
9	411 9127 100	Side Chassis		104	471 3837 003	3x4 CBS-CU	
10	412 9427 104	Bracket (F)		105	473 7005 015	3×12 CBTS (S)-Z	
11	412 9429 005	Bracket (R-R)		106	471 3840 003	4x6 CBS-CU	
12	412 9430 007	Bracket (R-L)		107	471 3840 016	4x14 CBS-CU	
13	105 9249 002	Bottom Cover		108	475 6164 007	Nut-W	
	411 9130 032	Base Chassis (C) (KK)		109	475 6008 006	4N	
14	104 0267 006	l.		110	475 2004 004	4SW ZN	
15	414 9099 020	Damp Plate (FT)		111	473 7012 008	3×10 CFTS (S)-N	
16 17	414 9055 020			112	473 7515 000	2.6×8 CBTS (P)-N	
	443 0900 132	1		113	476 3802 004	Socket Screw (4×10)	
18	443 0900 151						
19	414 9175 009	I					
<b>2</b> 0	443 0900 158	1					
21 ~	443 0900 116	\					
22 22	414 9163 105	·				<u>'</u>	
<b>2</b> 3	114 0121 000			]]			
24	143 9107 007						
<b>2</b> 5	477 0211 002	1					
<b>2</b> 6	412 9425 009	1 1					
<b>2</b> 7	113 9300 007						
28	463 9071 008						
29	476 1003 009	1 ' ' '			-		
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31	412 9424 107	1			1		
32	205 0804 005	l.					
33	112 9116 104	1					
34	112 9120 006	_					
<b>3</b> 5	112 9119 004 414 9077 000	i					
<b>3</b> 6	1U- 2748	input (R) Unit Ass'y					
37	1U- 2749	Output Unit Ass'y					
<b>□</b> 38	1U- 2749 D-1						ļ
38-1	1U- 2749 D-1						]
L 38.2	10- 2749 D-1	Input (L) Unit Ass'y					
39		Control Unit Ass'y			İ		
T 40	1U-2829	Relay (L) Unit					
40-1	10-2829-1	Relay (R) Unit					
40-2	1U-2829-2	Protect Unit					
40-3	1U-2829-3	LED Unit					
40-4	1U-2829-4			11			
40-8	1U-2829-8	Push SW Unit				**	
40-9	1U-2829-9	Rotary SW Unit					
L40-10	l l	BAL. VOL Unit					
41	204 8441 00						
42	205 0837 00	1 3P Cannon Connector	1	11			

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## PARTS LIST OF EXPLODED VIEW (UPRAS1-P)

	Dord No.	Part Name	Remaks	Ref.No	Part No	Part Name	Remaks
Ref.No	Part No			<b>-4</b> 2	1U- 2753 -D	Power Amp Unit Ass'y	Multi-Voltage
1	144 9199 005	Top Plate		42	1U- 2753 -B	Power Amp Unit Ass'y	Europe
2	144 9200 004	Top Grille	II.	42	1U- 2753 -A	Power Amp Unit Ass'y	USA
3	144 2301 308	Side Panel		r42-1	1U- 2753 D-1	Power Amp Unit	Multi-Voltage
4	144 2302 103	Back Fool		42-1	1U- 2753 B-1	Power Amp Unit	Europe
. 5	144 9203 108	Rear Panel (P)-1		42-1	1U- 2753 A-1	Power Amp Unit	USA
6	GEN 7661	F.P Guide (P) Sub Ass		42-2	1U- 2753 D-2	OSC&Protect Unit	Multi-Voltage
7	144 2300 008	Side ESC		42-2	1U- 2753 B-2	OSC&Protect Unit	Europe
8	105 9247 101	Rear Panel (P)-2		42-2	1U- 2753 A-2	OSC&Protect Unit	USA
9	411 9127 100	Side Chassis		42-4	1U-2753-D4	Rotary SW Unit	Multi-Voltage
10	412 9427 104	Bracket (F)		42-4	1U-2753-B4	Rotary SW Unit	Europe
11	412 9429 005	Bracket (R-R)		42-4	1U-2753-A4	Rotary SW Unit	USA
12	412 9430 007	Bracket (R-L)		42-5	1U-2753-D5	Fuse Unit	Multi-Voltage
13	105 9250 208	Bottom Cover	·	42.5	1U-2753-B5	Fuse Unit	Europe
14	411 9129 137	Base Chassis (P) (KK)			1U-2753-A5	Fuse Unit	USA
15	104 0267 006	Foot Ass'y		L42-5	10-2135-75	1	
16	414 9099 020	Damp Plate (FT)			471 3832 008	3×8 CBS-CU	
17	412 9426 105	TR Holder		101	1		
18	414 9168 207	P.T Damper		102	473 7002 021		
19	412 9422 002	PWB Brackel-P		103	473 8034 001	1	
	414 9166 102	1		104	471 3837 003		
20	412 9435 109	1		105	471 7005 015		
21	114 0121 000			106	471 3840 003		
22	143 9107 007			107	471 3840 016		
23	477 0211 002			108	475 6164 00	1	
24	1			109	476 3802 00-		
25	412 9425 009			110	470 0012 02	2 3×12 CPS SW W	
26	412 9423 001	Tarre 1 Acres			•		
27	113 1625 007	1					
28	463 9071 000			.			
29	476 1003 00						
30	443 0900 13			11		•	
31	133 9010 13	1		1	ļ		
32	479 0011 00				l l		
33	415 0234 00		TD200 311				
34	275 0080 00		TR309,311 TR308,310				
35	275 0081 00	CONTRACTOR OF THE PROPERTY OF THE PARTY OF T	1H308,310				
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39	204 6506 0			a			
△ 40	21240310	081 Prower Sydne (Lease )		*			
- 41	1U- 2754	P.Supply Unit Ass'y					
-41-1	1U- 2754 D	1-1 P.Supply (L) Unit					
l li	1U- 2754 D	P.Supply (R) Unit					
1	1U- 2754 C			-			
41-2		1					

## CONNECTOR PIN FUNCTION (CONTROL UNIT)

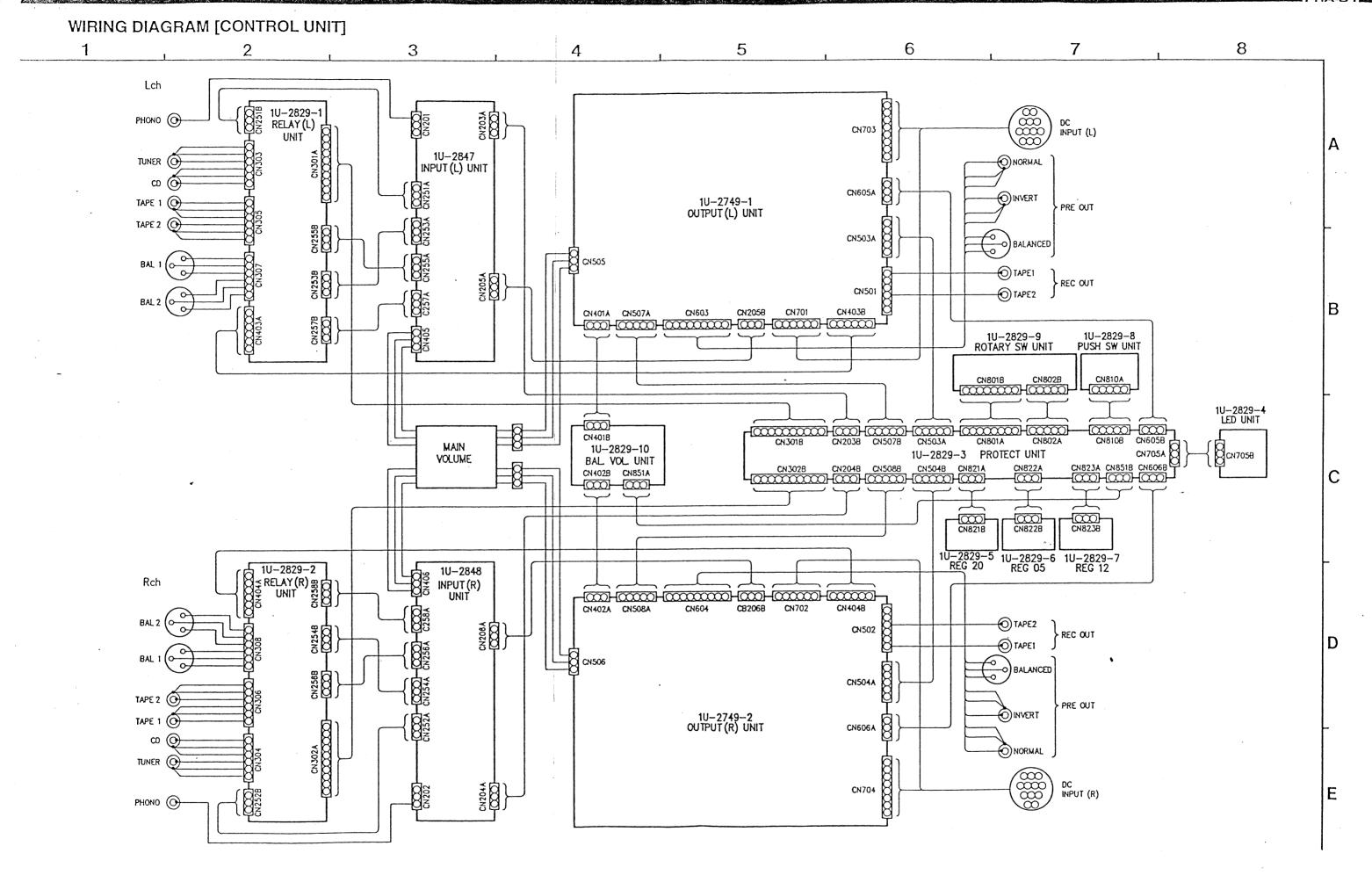
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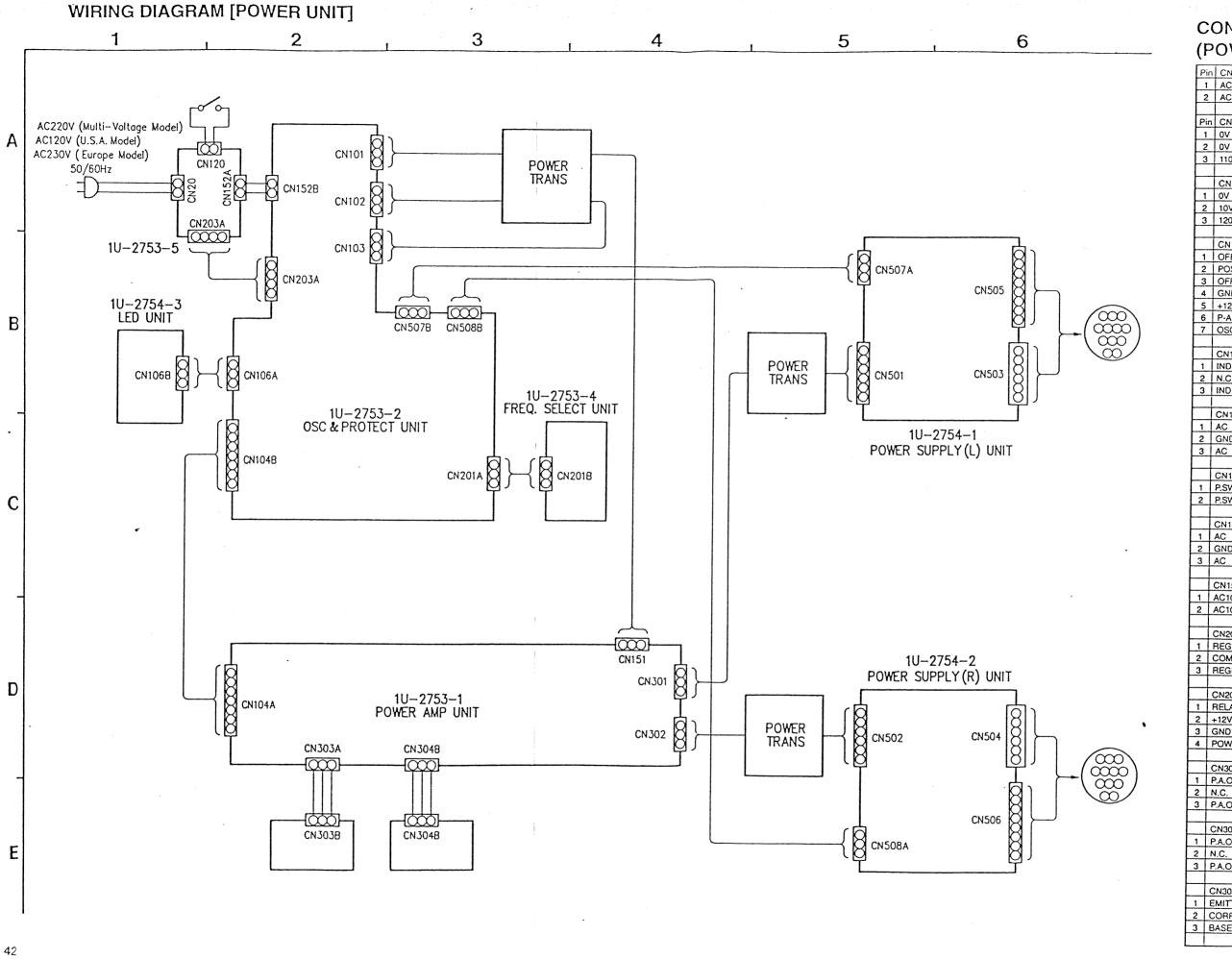
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		-	4	_	SOURCE						
1		┞	5	+	RELAY+B						
1		-	_		CN504						
		Ţ.	1	_	TAPE1>2						
-		2			TAPE2>1						
+		H	_	3	+12V SOURCE						
1		5			RELAY+B						
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-	CN505										
+			_	2	HOT(L)						
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1			_			_			
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۲	3 COLD(R)								
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	1	ŀ	HOT(L)OUT						
	2	10	GND						
L	3	1	<u> </u>	)LI	D(L)OUT	ŀ			
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5 TA	PF2
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	PE2>1
- TA	
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5 GI	NB10
5 GI	NB10
5 GI	N810 D POW ERON
5 GI	NB10
5 GI CI 2 EC	NB10 D POW ERON D POWER OFF
5 GI CI 2 EC 3 G	NB10 D POW ERON D POWER OFF
5 GI CI 1 EG 2 EG 3 G 4 S	NB10 D POW ERON D POWER OFF ND UBSONIC ON
5 GI CI 1 EG 2 EG 3 G 4 S	NB10 D POW ERON D POWER OFF
5 GI CI 1 EG 2 EG 3 G 4 S	NB10 D POW ERON D POWER OFF ND UBSONIC ON
5 GI CI EG 3 G 4 S 5 S	NB10 O POW ERON O POWER OFF ND UBSONIC ON UBSONIC OFF
5 Gr CI 2 E6 3 G 4 S 5 S	NB10 O POW ERON O POWER OFF ND UBSONIC ON UBSONIC OFF
5 Gr CI 2 E6 3 G 4 S 5 S	NB10 O POW ERON O POWER OFF ND UBSONIC ON UBSONIC OFF
5 Gi Ci 2 Ei 3 G 4 S 5 S	NB10 D POW ERON D POWER OFF ND UBSONIC ON UBSONIC OFF
5 G/C C C C C C C C C C C C C C C C C C C	NB10 O POW ERON O POWER OFF ND UBSONIC ON UBSONIC OFF IN821 INTL +B
5 G/C C C C C C C C C C C C C C C C C C C	NB10 D POW ERON D POWER OFF ND UBSONIC ON UBSONIC OFF
5 Gr CCI 2 EV 3 G 4 S 5 S	NB10 O POW ERON O POWER OFF ND UBSONIC ON UBSONIC OFF IN821 INTL +B
5 Gr Ci 2 Ef 3 G 4 S 5 S C 1 C 2 G 3 +	NB10 D POW ERON D POWER OFF ND UBSONIC ON UBSONIC OFF  N821 NTL +B SND 20V
5 Gr Ci 2 Ef 3 G 4 S 5 S C 1 C 2 G 3 +	NB10 O POW ERON O POWER OFF ND UBSONIC ON UBSONIC OFF IN821 INTL +B
5 GI	NB10 D POW ERON D POWER OFF ND UBSONIC ON UBSONIC OFF  N821 NTL +B SND 20V
5 GI	NB10 D POW ERON D POWER OFF ND UBSONIC ON UBSONIC OFF IN821 INTL +B IND 20V CN822
5 GI CI EG 3 G 4 S 5 S CI 1 C 2 C 2 C 1 C 2 C 3 +	NB10 D POW ERON D POWER OFF ND UBSONIC ON UBSONIC OFF IN821 INTL +B IND 20V CN822 -12V GND
5 GI	NB10 D POW ERON D POWER OFF ND UBSONIC ON UBSONIC OFF IN821 INTL +B IND 20V CN822 -12V GND
5 GI CI EG 3 G 4 S 5 S CI 1 C 2 C 2 C 1 C 2 C 3 +	NB10 D POW ERON D POWER OFF ND UBSONIC ON UBSONIC OFF IN821 INTL +B IND 20V CN822
5 Gr CI 2 EG 3 G 4 S 5 S CI 1 CG 2 G 3 + 2 G 3 +	NB10 D POW ERON D POWER OFF ND UBSONIC ON UBSONIC OFF IN821 INTL +B IND 20V IN822 -12V IND 55V
5 GI CI SECTION CO CI	NB10 D POW ERON D POWER OFF ND UBSONIC ON UBSONIC OFF NR21 NTL +B SND 20V CNB22 -12V GND -55V
5 GI CI SECTION CO CI	NB10 D POW ERON D POWER OFF ND UBSONIC ON UBSONIC OFF NR21 NTL +B SND 20V CNB22 -12V GND -55V
5 Gr CI 2 EG 3 G 4 S 5 S CI 1 CG 3 + 2 CG 3 + 1 1 4 2 CG 3 1 4	NB10 D POW ERON D POWER OFF ND UBSONIC ON UBSONIC OFF NTL +B SND 20V CNB22 -12V GND -55V CNB23 CNTL +B
5 Gi CI	NB10 D POW ERON D POWER OFF ND UBSONIC ON UBSONIC OFF NTL +B SND 20V CNB22 -12V GND CNB23 CNTL +B GND
5 Gi CI	NB10 D POW ERON D POWER OFF ND UBSONIC ON UBSONIC OFF NTL +B SND 20V CNB22 -12V GND -55V CNB23 CNTL +B
5 Gi CI	NB10 D POW ERON D POWER OFF ND UBSONIC ON UBSONIC OFF NTL +B SND 20V CNB22 -12V GND CNB23 CNTL +B GND
5 GI  CI  EG  3 G  4 S  5 S  CO  1 CO  2 G  3 +  CO  1 1 CO  2 G  3 +  CO  1 1 4  2 C  3 G	NB10 D POW ERON D POWER OFF ND UBSONIC ON UBSONIC OFF IN821 INTL +B IND 20V CNB22 -12V GND -5V CNB23 CNTL +B GND +12V
5 Gi CC 2 EC 3 + CC 1 CC 2 CC 3 + CC 1 CC 2 CC 3 + CC 1 CC 3 CC 1 CC 3 CC 1 CC 1 CC	NB10 D POW ERON D POWER OFF ND UBSONIC ON UBSONIC OFF IN821 INTL +B IND 20V CN822 -12V GND CN823 CNTL +B GND H12V CN851
5 Gi CC 2 EC 3 + CC 1 CC 2 CC 3 + CC 1 CC 2 CC 3 + CC 1 CC 3 CC 1 CC 3 CC 1 CC 1 CC	NB10 D POW ERON D POWER OFF ND UBSONIC ON UBSONIC OFF IN821 INTL +B IND 20V CN822 -12V GND CN823 CNTL +B GND H12V CN851
5 GI CI EG 2 EG 3 G 4 S 5 S CC 1 CC 2 G 3 + CG 1 CC 2 G 3 + CG 1 CC 2 G 3 + CG 1 CC 3 G 4 S 5 S	NB10 D POW ERON D POWER OFF ND UBSONIC ON UBSONIC OFF  N821 NTL +B SND 20V CN822 -12V SND CN823 CNTL +B GND +12V CN851 BAL-CONT(L)
5 Gr CC 2 EC 3 G 4 S 5 S C C 1 C 2 C G 3 + C C C 1 C C 2 C C 3 C C C C C C C C C C C C C C	NB10 D POW ERON D POWER OFF ND UBSONIC ON UBSONIC OFF  N821 NTL +B SND 20V CN822 -12V GND CNB23 CNTL +B GND +12V CN851 BAL-CONT(L) GND
5 GI CI 2 EE 3 G 4 S 5 S CO 1 CO 2 CO 3 +	NB10 D POW ERON D POWER OFF ND UBSONIC ON UBSONIC OFF  N821 NTL +B SND 20V CN822 -12V GND CNB23 CNTL +B GND +12V CN851 BAL-CONT(L) GND
5 GI CI EG 2 EG 3 G 4 S 5 S CC 1 CC 2 G 3 + CG 1 CC 2 G 3 + CG 1 CC 2 G 3 + CG 1 CC 3 G 4 S 5 S	NB10 D POW ERON D POWER OFF ND UBSONIC ON UBSONIC OFF  N821 NTL +B SND 20V CN822 -12V SND CN823 CNTL +B GND +12V CN851 BAL-CONT(L)
5 GI CI 2 EE 3 G 4 S 5 S CO 1 CO 2 CO 3 +	NB10 D POW ERON D POWER OFF ND UBSONIC ON UBSONIC OFF  N821 NTL +B SND 20V CN822 -12V GND CNB23 CNTL +B GND +12V CN851 BAL-CONT(L) GND
5 GI CI 2 EE 3 G 4 S 5 S CO 1 CO 2 CO 3 +	NB10 D POW ERON D POWER OFF ND UBSONIC ON UBSONIC OFF  N821 NTL +B SND 20V CN822 -12V GND CNB23 CNTL +B GND +12V CN851 BAL-CONT(L) GND
5 GI CI 2 EE 3 G 4 S 5 S CO 1 CO 2 CO 3 +	NB10 D POW ERON D POWER OFF ND UBSONIC ON UBSONIC OFF  N821 NTL +B SND 20V CN822 -12V GND CNB23 CNTL +B GND +12V CN851 BAL-CONT(L) GND





## CONNECTOR PIN FUNCTION (POWER UNIT)

OMER OV	111)			
CN20	7	P	in	CN304
AC100V(C)	7		1	EMITTER
AC100V(H)	1		<u>.</u>	
	1	_	 3	
CN101	7	<u> </u>	_	- OAGE
ov	1		_	CN501
ov	1	1	-	AC
110V	1			GND
7101	1			AC
CN102	1	14	_	AC
OV	1	-	<u>.</u>	GND
10V	1	6		AC
120V	1	1	_	AC
	1	H		CN502
CN104	1	1	_	AC AC
OFFSET(HOT)	1	_	_	GND
POSISTOR	1	3	_	AC
OFFSET(COLD)	1	13		
GND	1	5	-	AC
+12V	1		_	GND AC
P-AON/OFF	1	-6	-	AC
OSC	1	-	-	CNICOO
030	1	<b>-</b>	-	CN503
CNIOS	1	1	-	+B
CN106 IND.(A)	1	2		GND
N.C.	1	3	_	<u>-8</u>
IND.(C)	1	4	7	+B
1140.[0]	1	5	7	GND -B
CN103	1	6	+	-8
AC	ł	-	1	CNEOA
GND	1	<b>-</b>	+	CN504
AC	ł	1	+	+B
<u></u>		3	7	GND
CN120		1 4	7	<del>-8</del>
P.SW.(IN)	1	5	т	+B GND
P.SW.(OUT)		6	7	
1.511.(001)		۴	+	<u>-</u> B
CN151		$\vdash$	†	CN505
AC		1	т	C.P.+B
GND		2	т	C.P.GND
AC		3	_	N.C.
		4	т	N.C.
CN152		5	т	N.C.
AC100V		6	7	N.C.
AC100V		7	•	N.C.
		8	T	N.C.
CN201			Γ	
REGISTOR-SEL.			T	CN506
COMMON		1		N.C.
REGISTOR-SEL.		2	Γ	N.C.
		3	т	CONTROL +B
N203		4	Г	PRE OUT-PRESET
RELAY		5		FLAT-AMP-DC
·12V		6		N.C.
SND		7	_	N.C.
OWER OFF		8	1	N.C.
N301			1	CN507
A.OUT(C)		1	_	C.P.+B
I.C.		2	(	C.P.GND
A.OUT(H)	ı	3		V.C.
	ı			
N302	1		(	CN508
A.OUT(C)	ı	1	_	CONTROL+B
.C.	Ì	2	_	PREOUT-PRESET
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N303		$\neg$	_	
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